

## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



# MICHELL'S BULBS

1937

## A GREAT DARWIN TULIP GROUP

These superb varieties will succeed in any garden. We have included Inglescombe Yellow because it is the best yellow of the Darwin type.

	Doz.	100	1000
Afterglow.....	\$0.85	\$5.50	\$50
City of Haarlem.....	.90	6.50	60
Inglescombe Yellow...	.75	5.00	45
Princess Elizabeth...	.75	5.00	45
The Bishop.....	1.00	7.50	70

### Special Darwin Collection

12 Bulbs of each variety .....	\$3.25
6 Bulbs of each variety .....	1.75
3 Bulbs of each variety .....	.90

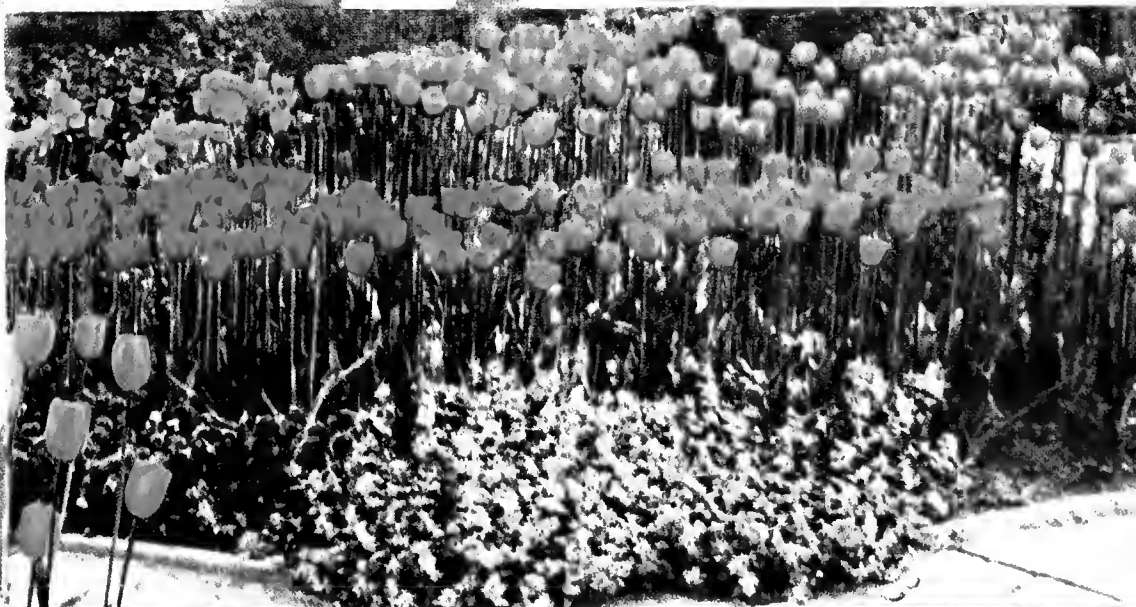
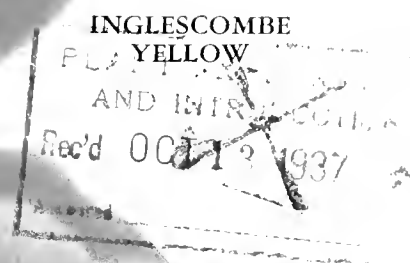
Postpaid

AFTERGLOW

THE BISHOP

PRINCESS ELIZABETH

CITY OF HAARLEM



HENRY F. MICHELL CO., 516-518 Market St., PHILA., PA.



PRINCE OF ORANGE

# 5 *Fine* BREEDER TULIPS

LOUIS XIV

BACCHUS

CARDINAL  
MANNING

	Doz.	100	1000
Bacchus.....	\$0 90	\$6 50	\$60 00
Cardinal Manning..	95	6 50	60 00
Dom Pedro.....	95	6 50	60 00
Louis XIV.....	90	6 00	55 00
Prince of Orange...	85	5 50	50 00

---

## SPECIAL BREEDER COLLECTION

12 Bulbs of each variety, \$3.50 Postpaid  
6 Bulbs of each variety, \$1.90 Postpaid  
3 Bulbs of each variety, \$1.00 Postpaid

---

DOM PEDRO

THE Old Dutch Breeder Tulips are the original Aristocrats of Tulipdom. Blooming in May with the Cottages and Darwins, they add the softer art shades so desirable in every planting. The flowers are large, shapely, and the stems are tall and strong.

All of the rich shades of brown will be found among the Breeders and there are exquisite oranges, violets, and plums among the distinctly different tones.

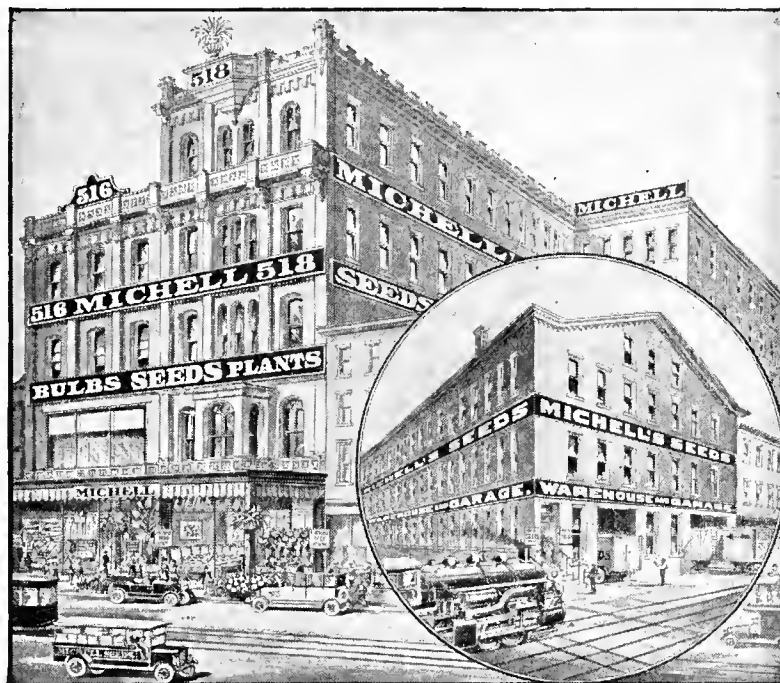


# • IMPORTANT TO CUSTOMERS •

## SPECIAL TELEPHONE SERVICE



BELL: Lombard 5620 to 5627  
KEYSTONE: Main 1631-1632



## We Welcome Charge Accounts

We invite you to take advantage of the convenience of a charge account with us. So that no time will be lost in executing your first order, please send us the names of two or more business houses with whom you have had past or present credit relations.

## Shipping Instructions

Always state by what method you want goods forwarded; otherwise we will ship according to our best judgment.

## Packing Charges

No charge is made for boxes, packing, or bags, except for two-bushel seamless sacks, which are returnable for credit at the market price as charged.

## LOCAL DELIVERY

Our free delivery service covers Philadelphia and vicinity, also Camden, N. J., and near-by points, but we do not guarantee to maintain a daily delivery to these places.

Please note the free delivery service does not include bulky quantities of fertilizers in over 1/4-ton quantities. Special arrangements can, however, be made for delivery of these at a reasonable charge.

Shipment of goods can also be made by package service from Market and Chestnut Street Ferries, Broad Street Station, Reading Terminal, and B. & O. R. R., at 24th and Chestnut Streets.

The tariff for shipments that can be made by this method on merchandise they will receive packed in one piece is as follows:

10 lbs. and under, 12c.	26 lbs. to 40 lbs., 24c.
11 lbs. to 25 lbs., 18c.	41 lbs. to 50 lbs., 30c.

Shipments weighing more cannot be sent via Package Service.

## Forwarding Service

We pay postage charges on all orders for Vegetable Seeds, Flower Seeds, and Grass Seeds in quantities up to 5 pounds (unless otherwise noted) to the first and second zones. If larger quantities of the above, also Bulbs, Plants, and Sundries, are wanted by Parcel Post, remit for postage the amount named in connection with the item to the first and second zones; for other zones add additional postage or at the rate quoted in table opposite.

All Plants, Roots, and Bulbs are forwarded by Express (or Parcel Post when possible), purchaser paying charges, unless otherwise noted.

For those of our customers who prefer to receive such goods by Parcel Post, we will be pleased to forward in this manner such plants as can be sent in this way at the following additional cost, which must be added to the value of each order for Plants, Roots, or Bulbs unless otherwise noted.

To all points east of the Mississippi River, add 10 per cent to cover postage and packing charges; to all points west of the Mississippi River, add 15 per cent.

**SAFE ARRIVAL.** We guarantee the safe arrival of all goods sent to points within the United States except when shipped to points where there is no Express or Freight agent; to such points the purchaser must assume any claim for loss or damage.

## PARCEL POST CHARGES QUOTED BY US ARE FOR DELIVERY IN THE UNITED STATES ONLY

### Notice to Customers in Canada and other Countries outside of the United States

In remitting for purchases at the time of ordering, or when paying accounts, by reason of the exchange we ask that you please send Post Office Money Order in United States funds or a check or draft on a New York or Philadelphia Bank in par United States funds.

## C. O. D. SHIPMENTS

Goods can be sent C. O. D. with the exception of perishable items, including plants and cold-storage bulbs. Where the shipment is to be made by Express or Freight, it is necessary to send a partial remittance with the order. We are sorry but we are unable to accept C. O. D. orders for less than \$1.00.

## CONDITIONS OF SALES

All contracts, sales, and acknowledgments of orders are contingent on crop failures, our ability to import and make deliveries in conformity with the "Plant Quarantine Act," partial deliveries by growers or manufacturers, strikes, or other unavoidable causes beyond our control, clerical errors included; also unsatisfactory credit standing. All quotations are subject to market changes and goods being unsold on receipt of order.

Henry F. Mitchell Co. give no warranty, expressed or implied, as to the description, purity, or productiveness of any seeds, plants, or bulbs they send out, and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, he must notify us at once, and we will give instructions for disposition of the goods.

## PARCEL POST RATES from Philadelphia (subject to change)

United States Parcel Post Rates (Seeds, plants, and bulbs included) (Subject to Change)	First pound or fraction	Each additional pound or fraction	Packages must not exceed 100 inches (length and girth combined)
Local Rate, Philadelphia.....	\$0 07	\$0 01	
1st Zone, within 50 miles of Philadelphia....	08	01.1	Limit of weight to all zones, 70 lbs.
2d Zone, over 50 and under 150 miles....	08	01.1	
3d Zone, over 150 and under 300 miles....	09	02	A fraction of a cent in the total amount of postage on any parcel shall be counted as a full cent.
4th Zone, over 300 and under 600 miles....	10	03.5	
5th Zone, over 600 and under 1000 miles....	11	05.3	
6th Zone, over 1000 and under 1400 miles....	12	07	
7th Zone, over 1400 and under 1800 miles....	14	09	
8th Zone, over 1800 miles.....	15	11	

On Seeds, Bulbs, Plants, or Roots not exceeding eight (8) ounces in weight, the postage charge is 1c. for each two (2) ounces or fraction thereof; on Sundries or other Merchandise not exceeding eight (8) ounces in weight, the postage charge is 1 1/2c. for each two (2) ounces or fraction thereof. Seeds, Bulbs, Plants, Roots, Sundries, etc., weighing over eight (8) ounces are sent at zone rates.

If Special Delivery is wanted, an additional 15c. is required on packages weighing up to two (2) pounds—25c. on packages weighing more than two (2) pounds and up to ten (10) pounds—35c. on packages weighing more than ten (10) pounds, which also includes special handling and transportation as first-class mail.

If remittance accompanies order, a sufficient amount should be included to cover the extra charges—if ordered to be sent by either of the methods as stated above.

# HENRY F. MICHELL CO., 516 and 518 Market St., PHILA.

**WAREHOUSES:**  
509-11-13 Ludlow St. and  
American and Dauphin Sts.

**SEEDS** BULBS, PLANTS, GARDEN SUPPLIES, FERTILIZERS  
INSECT DESTROYERS, POULTRY SUPPLIES, ETC.

Nurseries and Plant Houses:  
ANDALUSIA, PA.



# MICHELL'S SUPERB DARWIN TULIPS

See color illustration on front cover

The lovely form, exquisite coloring, and the enormous size of the Darwins make them the favorites among Tulips. They belong to the May-flowering or late-blooming class and produce their gigantic flower cups on long, stiff stems, above the broad foliage. Darwin Tulips are ideal for the herbaceous border or massed in clumps in front of shrubbery, and as a cut-flower for vases they are superior to any other class. They are also excellent for pan- or pot-culture. As this class is short of yellow, orange, and bronze varieties, these colors may be obtained in the Breeder and May-flowering or Cottage types; the flowers are similar in shape and bloom at the same time as the Darwins. Ideal arrangements and color effects can be obtained by a combination planting as suggested above.

**CULTURAL DIRECTIONS.**—**For Bedding Out.** Plant in October or November, in good, well-drained garden soil, setting the bulbs 5 to 6 inches apart and 4 to 5 inches deep. After the ground has frozen, cover with litter, leaves, or manure to protect them from frost; this should be removed in the spring when danger from hard frost is past.

**For Pot- or Pan-Culture.** Plant 4 to 6 bulbs in a 6-inch pot or pan, water thoroughly, and then remove to the open ground or a coldframe, covering with coal-ashes. After they have rooted thoroughly, they should be brought in a moderately cool room and gradually to a warmer one. By bringing in a fresh supply every 10 days they can be had in bloom all winter.

For complete cultural notes, see "Michell's Bulb-Growing Guide," sent free on request.

The asterisk (\*) preceding the variety denotes that it is suitable for forcing as well as bedding. The letters E, F, and G following the variety indicate their relative time of blooming, the E's being the earliest to bloom. The figures indicate the normal height in inches.

*If Tulip bulbs are wanted by Parcel Post, add 25c. per 100 for postage to the first and second zones; for other zones, please see Parcel Post table on page 1*

**AFTERGLOW** (Katherine Havemeyer). F26. Deep rosy orange with salmon shading at edges; inside deep orange with yellowish base. A showy variety for outdoors. 85c. per doz.; per 100, \$5.50; \$50.00 per 1000.

\***ALLARD PIERSON**. E26. Dark crimson-maroon. An early forcing variety. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

\***BARONNE DE LA TONNAYE**. F26. Rich rose-pink, shading paler toward edges of petals. An excellent bedding variety. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

\***BARTIGON**. F24. Ficy red, with pure white base. A very showy variety. Grand forcer. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

**BLEU AIMABLE**. F25. Lavender with white base, starred blue. Distinct in shape. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

\***CENTENAIRE**. E30. Enormous rich violet-rose flowers with large blue centers. Excellent for border or for forcing. 85c. per doz.; per 100, \$5.50; \$50.00 per 1000.

\***CITY OF HAARLEM**. F27. One of the best scarlet varieties, having steel-blue base with white outline. Fine for bedding or forcing in pots. Flowers large, on strong stems. 90c. per doz.; per 100, \$6.50; \$60.00 per 1000.

\***CLARA BUTT**. G21. Delicate salmon-pink, of perfect shape. Good bedder and forcer. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

\***DREAM**. G24. Large, cup-shaped flowers of rosy lilac and mauve; blue base. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

\***FARNCOMBE SANDERS**. F25. Giant, brilliant scarlet flowers with a clear white base. Very showy. A good forcer. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

**FAUST**. F30. Large, dark purple-maroon flowers with blue base. 90c. per doz.; per 100, \$6.00; \$55.00 per 1000.

**GOLDEN FLEECE**. F22. Medium-sized, bright yellow flowers with petals slightly tipped brown; black anthers. 85c. per doz.; per 100, \$5.50; \$50.00 per 1000.

**JUBILEE**. F28. Deep, rich bluish violet, shaded purple; large flowers of great beauty on stiff stem. \$1.00 per doz.; per 100, \$7.50; \$70.00 per 1000.

**KING GEORGE V**. F25. Salmon-scarlet shaded rose; blue base. An excellent bedder. Holds its color in the sun. \$1.00 per doz.; per 100, \$7.50; \$70.00 per 1000.

**LA FIANCEE**. G30. Deep rose, shading to old-rose, delicate pink at edges. A fine large-flowering variety. Very effective when planted with mauve and lavender sorts. 85c. per doz.; per 100, \$5.50; \$50.00 per 1000.

\***LA TULIPE NOIRE** (The Black Tulip). G25. The nearest to black in Tulips—deep maroon-black with a velvety sheen. 85c. per doz.; per 100, \$5.50; \$50.00 per 1000.

\***LE NOTRE**. E24. Beautiful shade of bright pink, with blue base starred white. Very large. An excellent variety for early forcing. 85c. per doz.; per 100, \$5.50; \$50.00 per 1000.

**LILAC WONDER**. F28. An absolutely new shade in Tulips. The flower is clear porcelain-lilac, with a white center, and borne on a stiff stem. \$1.10 per doz.; per 100, \$8.00; \$75.00 per 1000.

\***MATCHLESS** (Roi d'Islande). F27. A rare shade of old-rose. Highly recommended for late forcing, also very effective in borders. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.

\***MME. KRELAGE**. F26. Bright lilac-rose, margined pale silvery pink. A good forcer and excellent for the border. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.

## Plant large beds or long rows of mixed Tulips for cutting

### MICHELL'S SUPERB DARWIN TULIPS, continued

**MRS. POTTER PALMER** (Fashion). G26. Rich, glowing purple. A distinct variety for border planting. 85c. per doz.; per 100, \$5.50; \$50.00 per 1000.

**\*PRIDE OF HAARLEM**. F26. Brilliant rosy carmine flower of magnificent form and size. One of the most popular Tulips, and unsurpassed for massing among shrubs or in borders. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

**PRINCE OF THE NETHERLANDS**. F31. Cerise-scarlet, edged rose with blue base. Flowers of enormous size. A clump of these adds a distinctive touch to your color arrangement. 85c. per doz.; per 100, \$5.50; \$50.00 per 1000.

**\*PRINCESS ELIZABETH**. F23. Large, clear pink flower, deepening with age. Makes a beautiful show planted in front of evergreens. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

**\*PROFESSOR RAUWENHOF**. F26. Bright cherry-red, blue star at base. A large and attractive variety. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

**\*REV. H. EW BANK**. F20. Light heliotrope, shaded lavender. A fine bedder; also stands forcing well and produces large flowers of a very pleasing color. For a beautiful effect plant with yellow Cottage Tulips or among bleeding-hearts. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

**THE BISHOP**. F30. This is conceded to be the finest Tulip in its class. Excellent for beds or borders, or for forcing in pots. Deep violet, center white, edged with blue; anthers black. A large bowl-like flower of very artistic coloring. \$1.00 per doz.; per 100, \$7.50; \$70.00 per 1000.

**VENUS**. F30. Pure silvery rose, faintly flushed paler at tip of inner petals; base white with pale blue ring. An exquisite flower of fine form, with sturdy stems. Should be in every border or garden. 90c. per doz.; per 100, \$6.50; \$60.00 per 1000.

**\*WILLIAM COPELAND**. E24. One of the best early forcing varieties. Grown indoors, the color is a beautiful delicate lavender; grown in the border, lilac-rose. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

**\*WILLIAM PITT**. E24. Dark crimson, shaded purple on outer petals. A large and beautiful variety. 85c. per doz.; per 100, \$5.50; \$50.00 per 1000.

**WHITE QUEEN**. F26. When first opening is pale rose, quickly turning to white. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

**YELLOW GIANT**. E28. Large, globular, deep golden yellow flowers carried on tall, stiff stems. Excellent for garden or exhibition. The best moderately priced "Yellow Darwin" today. 90c. per doz.; per 100, \$6.50; \$60.00 per 1000.

**ZWANENBURG**. F28. A very beautiful flower of pure sparkling white, center marked with shining black anthers. The blooms have a spicy fragrance. Truly a majestic flower that should be in every collection. 95c. per doz.; per 100, \$7.00; \$65.00 per 1000.

**DARWIN, MIXED**. A well-balanced assortment of colors and shades made from many named varieties and containing only giant-flowering, long-stemmed sorts. 60c. per doz.; per 100, \$4.00; \$35.00 per 1000.

## MICHELL'S DUTCH BREEDER TULIPS

See color illustration on inside front cover

Similar to the Darwins in their tall, strong growth, and flowering at the same time. They produce immense blooms on long, stiff stems, and in some instances are larger than the Darwins. Their artistic colors make them great favorites with those who desire to contrast their bronze, terra-cotta, and buff shadings with the lighter-colored sorts of the Darwins. They make a fine effect in hardy borders, and when used as a cut-flower last a long while in water.

The asterisk (\*) preceding the name of the variety denotes that it is suitable for forcing as well as bedding. The letters F and G following the name indicate their relative time of flowering, the F's being the earliest to bloom. Figures indicate the normal height in inches.

*If Tulip bulbs are wanted by Parcel Post, add 25c. per 100 for postage to the first and second zones; for other zones, please see Parcel Post table on page 1*



Breeder Tulips, Louis XIV

**APRICOT** (Perfection). G28. Dull bronzy buff, shaded ruddy apricot, olive base. 85c. per doz.; per 100, \$6.00; \$55.00 per 1000.

**BACCHUS**. F28. Dark violet-blue, base starred white. The nearest approach to dark blue in late Tulips. One of the best varieties to plant with bronze or light blue shades. 90c. per doz.; per 100, \$6.50; \$60.00 per 1000.

**\*BRONZE QUEEN** (Clio). G28. Soft buff, inside tinged golden bronze. Very choice for forcing or bedding. 85c. per doz.; per 100, \$5.50; \$50.00 per 1000.

**CARDINAL MANNING** (Goliath). G28. Dull wine-red, flushed rosy brown, changing to almost orange at edges of petals. Very large, egg-shaped flower. 95c. per doz.; per 100, \$6.50; \$60.00 per 1000.

**\*DOM PEDRO**. G24. A beautiful coffee-brown, shaded maroon; inside rich mahogany. A large and interesting variety, due to its color and delicate fragrance. Can be forced. 95c. per doz.; per 100, \$6.50; \$60.00 per 1000.

**INDIAN CHIEF**. G34. A fine exhibition variety. Flowers are enormous, very artistic, and carried on long, stately stems. Deep Indian red, flushed purple, edged warm brown with age. \$1.25 per doz.; per 100, \$9.50; \$90.00 per 1000.

**LOUIS XIV**. G28. Dark purple, flushed bronze, with broad margin of golden brown. A unique variety of striking beauty. One of the best Breeders today. Enormous flowers on strong stems. A great favorite. 90c. per doz.; per 100, \$6.00; \$55.00 per 1000.

**LUCIFER**. G24. Reddish orange, olive base with yellow star. An ideal variety for cutting or bedding. \$1.00 per doz.; per 100, \$7.00; \$65.00 per 1000.

**PANORAMA** (Fairy). F24. Reddish mahogany with bronze shading. An extra-large flower. Fine for border or late forcing. 85c. per doz.; per 100, \$6.00; \$55.00 per 1000.

**\*PINK PEARL**. F28. The finest pink Breeder introduced. Large, long flowers of lilac-pink, with inside rose and snow-white base. When grown in greenhouse, color is softer. 85c. per doz.; per 100, \$6.00; \$55.00 per 1000.

**\*PRINCE OF ORANGE** (Sunset). G24. Terra-cotta-brown, shaded yellow, with yellow base, starred black. Excellent for forcing or bedding. 85c. per doz.; per 100, \$5.50; \$50.00 per 1000.

**SUNDANCE**. F27. Orange-terra-cotta, edged light bronze. Large, well-formed flowers carried on strong stems. \$1.10 per doz.; per 100, \$8.00; \$75.00 per 1000.

**\*YELLOW PERFECTION** (Old Gold). F24. Light bronze-yellow, edged and shaded golden yellow. A large flower of fine form. Can be forced. 85c. per doz.; per 100, \$6.00; \$55.00 per 1000.

**BREEDER TULIPS, MIXED**. A choice mixture in a combination of the best colors and shades of this class. Fine for cutting or display. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

**Suggestion.** As Breeder Tulips contain shades that are not found in either Darwin, or May-flowering or Cottage Tulips, a selection made from this list and planted in combination with the types above mentioned will produce a display of color that cannot be duplicated. Give your garden that finished touch by planting Breeder Tulips.

"MICHELL'S BULB GROWING GUIDE"  
FREE ON REQUEST





# Michell's May-flowering or Cottage Tulips

Color illustration on insert

As Cottage Tulips flower late, most of the varieties can be used in contrast with Darwins and magnificent results obtained. Our list contains some of the best sorts of the new late-flowering hybrid varieties, which are the result of crossing the Darwins with the Cottage. We recommend the varieties listed for planting in hardy flower borders, in clumps or masses.

The asterisk (\*) preceding the name of the variety denotes that it is suitable for forcing as well as bedding. The letters F, G, and H following the name indicate their relative time of blooming, the F's being the earliest to bloom. Figures indicate the normal height in inches.

*If Tulip bulbs are wanted by Parcel Post, add 25c. per 100 for postage to the first and second zones; for other zones, please see Parcel Post table on page 1*

**\*ALBINO.** F25. Pure white, graceful flowers. Highly recommended for forcing. 95c. per doz.; per 100, \$7.00; \$65.00 per 1000.

**AMBROSIA.** (New Hybrid.) F25. A combination of colors hard to describe—outside lilac-rose, edged apricot; inside bright orange, changing to tan. Outstanding variety at exhibitions. An added asset is its delightful perfume. 85c. per doz.; per 100, \$6.00; \$55.00 per 1000.

**ARGO.** F22. A hybrid of great beauty. Golden yellow, mottled red, passing to reddish brown. 85c. per doz.; per 100, \$6.00; \$55.00 per 1000.

**\*AVIS KENNICOTT.** G24. Large, chrome-yellow flower with black spots on base and anthers. A good late forcing variety and excellent for bedding. 85c. per doz.; per 100, \$5.50; \$50.00 per 1000.

**CARRARA.** F26. Graceful, pure white flowers which are round, cup-shaped and large, with broad petals. Excellent for forcing in pans for mid-March blooms. Holds numerous awards for perfect form, purity, and long-lasting qualities. \$1.10 per doz.; per 100, \$8.00; \$75.00 per 1000.

**DIDO.** G30. Large, well-formed flowers of deep, rich pink, shaded salmon-yellow, with soft orange suffusion at edges of petals. Truly a marvelous variety, which has a sweet fragrance. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.

**\*GESNERIANA LUTEA.** H24. One of the best of the Gesneriana family. Pure golden yellow flowers of perfect shape. Fine for herbaceous borders. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

**GESNERIANA SPATHULATA.** G24. Brilliant scarlet, with blue-black center. One of the finest late varieties. Excellent when massed against evergreens. 85c. per doz.; per 100, \$6.00; \$55.00 per 1000.

**GRENADIER.** F24. A new variety with brilliant orange-red flowers on very graceful stems. Very effective. A leading variety for color effect, excellent in beds and borders. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.

**ILLUMINATOR.** G18. Yellow, flaked and edged red. A good bedding variety. 85c. per doz.; per 100, \$6.00; \$55.00 per 1000.

**\*INGLESCOMBE PINK** (Salmon Queen). F24. Soft rosy pink, flushed salmon. Large, globular flowers. Adapted for borders or late forcing. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

**\*INGLESCOMBE YELLOW.** F20. Greatly resembles the Darwins and is often called the "Yellow Darwin." Flowers are beautifully formed. Color illustration on front cover. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

**JOHN RUSKIN.** G18. Apricot-rose, with border of pale yellow. Large flowers of fine shape on a graceful stem. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

**LOHENGRIN.** F27. Cochineal-red, slightly shaded orange; pure white center. One of the most beautiful varieties grown. Should be in every garden. \$1.50 per doz.; per 100, \$10.00.

**MOONLIGHT.** H24. An exquisite shade of light canary-yellow. Flower long and of fine oval shape. Can be used in combination with Darwin Tulips or with irises. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.

**\*MRS. MOON.** H24. Large, golden yellow flowers with reflexed, pointed petals. One of the most beautiful varieties and looks well with purple irises. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.

**ORANGE KING.** G24. Glistening deep orange, shaded rose; yellow center; sweet-scented. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.

**ROSABELLA.** G26. Unsurpassed for garden or house decoration. When first opening the flower resembles a rosebud. Color, beautiful bright rose, shading to lighter at edges; inside petals shell-pink with ivory base. Flowers large, on strong stems. 85c. per doz.; per 100, \$6.00; \$55.00 per 1000.

**MAY-FLOWERING TULIPS, MIXED.** A lovely mixture, covering almost every color and shade. Gives a superb display if planted in masses, groups, or clumps. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

When comparing prices, please bear in mind that bulbs such as ours are produced under careful supervision of expert growers. Only select quality, large size, and the most up-to-date packing methods are employed. Forty-five years of successful distribution and service is your guarantee.

# MICHELL'S SINGLE EARLY TULIPS

The Single Early Tulips are far more valuable for the garden than is generally accepted, blooming so much earlier than the Darwins and at a time when daffodils are at their best. Excellent effects can be produced if used in the border; they make their best showing when little else is in bloom. The earliest of all Tulips to bloom when forced.

The asterisk (\*) preceding the name of a variety denotes that it is suitable for forcing as well as bedding. The letters A, B, and C following the name indicate their relative earliness to bloom, the A's being the earliest, followed by the B's and later by the C's. Figures indicate the normal height in inches.

*If Tulip bulbs are wanted by Parcel Post, add 25c. per 100 for postage to the first and second zones; for other zones, please see Parcel Post table on page 1*



Single Early Tulips, Pink Beauty

- \***BELLE ALLIANCE.** B8. One of the most popular scarlet varieties. Very fine for forcing and bedding. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.
- \***BRILLIANT STAR.** A12. Very large, vermilion-scarlet flower. Highly recommended for early forcing. One of the earliest to bloom indoors. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

- \***CHRYSOLOREA.** B10. Golden yellow. A fine bedding variety. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.
- \***COULEUR CARDINAL.** C10. Bright scarlet. Very attractive variety. Fine for late forcing or bedding. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.
- \***CRAMOISI BRILLANT.** C10. Large; glowing scarlet flowers with yellow bases. Good for forcing or bedding. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.
- \***DE WET (Fireglow).** B16. Beautiful golden yellow flowers, flushed and stippled fiery orange. Outstanding as a forcing variety. A clump planting in your garden will produce a blaze of sweet-scented blooms that cannot be forgotten. Color illustration on insert. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.
- \***FLAMINGO.** B12. Carmine-rose, shaded lighter, with white stripe in center of petals, which are more or less crinkled. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.
- \***FORTUNA.** A12. Pale satiny lilac-rose. Flowers large, on medium-tall stems. Excellent forcer. 90c. per doz.; per 100, \$6.00; \$55.00 per 1000.
- \***FRED MOORE.** B12. Bright orange, sweet-scented blooms. Fine for forcing. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.
- \***IBIS.** B12. Magnificent bright carmine-pink flower. Excellent for forcing or bedding. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.
- \***KEIZERKROON (Grand Duc).** B15. Brilliant red with gold border. Extra-large flowers on long stems. Still a great favorite. Good forcer. 90c. per doz.; per 100, \$6.50; \$60.00 per 1000.
- \***LADY BOREEL (Joost Van Vondel White).** B12. Large; pure white. Fine for bedding and choice for planting in pots or pans. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.
- \***PINK BEAUTY.** B12. Bright cherry-rose, center of petals striped white. Excellent bedder. Does well in pans, but not before March. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.

- \***PRINCE OF AUSTRIA.** B12. Large, sweet-scented flowers on tall stems; rich orange-scarlet, shading to brick-red as it ages. Easy to force and a fine bedder. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.
- \***RISING SUN.** B15. Giant rich golden yellow flowers on tall, strong stems. Truly a sensational Tulip, excelling all yellow varieties for forcing or bedding. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.
- \***ROSE LUISANTE.** C10. Large, deep rose-pink flowers. Excellent for forcing or bedding. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.
- \***ROYAL CRIMSON.** A12. Color-range of *Azalea Hinodegiri* and Darwin Tulip, *Pride of Haarlem*. Possesses the stem-length of *Bartigon* and the easy forcing qualities of *De Wet*. Color, luminous or bright old-rose. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.
- \***THOMAS EDISON.** B12. Orange-yellow. A sport of *Rose Grisdelin*. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.
- \***VERMILLON BRILLANT.** B10. Brilliant vermilion-scarlet. Very large flower. Extremely early forcer. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.
- \***WHITE HAWK (Albion).** A12. Large, globe-shaped, pure white flowers. Excellent early forcer and bedder. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.
- \***YELLOW PRINCE.** B10. Golden yellow. Fine for either bedding or forcing. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

## SINGLE EARLY TULIPS IN MIXTURE

Our mixtures of Tulips have long been noted for their brilliancy, proper blending and variety of colors.

**Superfine Quality.** A splendid mixture of many colors and shades. 70c. per doz.; per 100, \$4.50; \$40.00 per 1000.

See page 6 for Double Early Tulips

## BOTANICAL OR SPECIES TULIPS

These Tulips are particularly adapted for rock-gardens or borders. They show their bright colors early in the season and have graceful, recurving petals. For the most striking effects, plant in masses or clumps.

- CLUSIANA.** Lady or Candystick Tulip. Outer petals cherry-red, inner petals creamy white with violet base. Very choice for massing in front of evergreens. Color illustration on insert. Height, 8 in. 85c. per doz.; per 100, \$6.00; \$55.00 per 1000.
- EICHLERI.** Immense crimson-scarlet blooms, shaded orange, with black center marked with gold. Height, 11 in. 85c. per doz.; per 100, \$6.00; \$55.00 per 1000.
- KAUFMANNIANA.** Blooms early in April. Flowers creamy white tinged carmine. Wonderful effects may be had if planted under trees or naturalized in shady places. Height, 5 to 7 in. Color illustration on insert. \$1.10 per doz.; per 100, \$8.50; \$80.00 per 1000.

- MARJOLETTI.** Soft primrose, shaded carmine-red at base. Blooms early in April. Height, 12 in. 95c. per doz.; per 100, \$7.00; \$65.00 per 1000.
- SYLVESTRIS (T. florentina odorata).** This is a handsome, sweet-scented, yellow variety. Often has two flowers to a stem. Height, 7 in. 90c. per doz.; per 100, \$6.50; \$60.00 per 1000.

Six or twelve bulbs of each variety of Botanical Tulips, set close together in any one spot, produce the best effect.



Botanical Tulips, Kaufmanniana

### THE BOOK OF BULBS By F. F. ROCKWELL

Order a copy when you send for bulbs. It will give you just the information you need to get the utmost in return for your investment in bulbs. 264 pages; 187 illustrations. Cloth. Price, \$2.00.

516 and 518 Market St., Philadelphia, Pa.



Be sure that bedded Tulips are planted the same depth



## MICHELL'S DOUBLE EARLY TULIPS

The Double Tulips usually flower a few days later than the Single Early varieties. They are very popular for bedding and a number of the varieties are also excellent for forcing.

The asterisk (\*) preceding the name of the variety denotes that it is suitable for forcing as well as bedding. The letters A and B following the name indicate their relative earliness to bloom, the A's being the earliest, followed by the B's. The figures indicate the normal height in inches.

*If Tulip bulbs are wanted by Parcel Post, add 25c. per 100 for postage to the first and second zones; for other zones, please see Parcel Post table on page 1*

**\*AZALEA.** B12. Beautiful, deep rose, flushed salmon. Excellent for forcing. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

**\*BOULE DE NEIGE** (Purity). B10. Large, pure white flowers, resembling a peony in form. Excellent for bedding or forcing. 85c. per doz.; per 100, \$6.00; \$55.00 per 1000.

**\*COURONNE D'OR** (Crown of Gold). B12. A handsome, rich golden yellow, flushed orange. Good bedding sort and fine for cutting. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.

**\*ELECTRA.** B12. Enormous, rosy violet-red flowers. Excellent for exhibition and should be in every collection. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.

**IMPERATOR RUBRORUM.** B10. Brilliant scarlet. For bedding or forcing. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.

**\*MR. VAN DER HOEF** (Yellow Murillo). A10. A pure golden yellow sport of Murillo with its superb qualities and now in great favor. Excellent forcing and bedding variety. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.

**MYSTERY OF INDIA.** B12. Terra-cotta and orange, slightly shaded old-rose, base soft yellow—a combination of colors hard to describe. Beautiful, large, well-formed flower on a strong stem. 90c. per doz.; per 100, \$6.50; \$60.00 per 1000.

**\*MURILLO.** B10. Delicate rose-pink. One of the best forcers. Still very popular. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.

**ORANGE NASSAU.** B12. Bright orange-scarlet, margined orange, outer petals shaded cherry-red. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.

**\*PEACH BLOSSOM.** B12. Bright rose-pink, flushed white, deepening to carmine-rose with age. Highly recommended for planting in pots and lasts a long time when cut. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.

**\*TEA ROSE.** B12. Sulphur, shading to orange. For bedding or forcing. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.

**TOREADOR.** A10. Reddish orange with rich yellow border. Excellent for bedding and forces well. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.

**\*TOURNESOL, RED AND YELLOW.** B8. For forcing and bedding. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.

**\*VUURBAAK.** B12. Brilliant orange-scarlet. For forcing or bedding. Produces large flowers. 85c. per doz.; per 100, \$6.00; \$55.00 per 1000.

### EARLY DOUBLE MIXED TULIPS

**Superfine Quality.** A choice mixture of many colors and shades, from named sorts. 70c. per doz.; per 100, \$4.50; \$40.00 per 1000.

### Bunch-Flowered Tulips

**MONSIEUR MOTTET.** A new and interesting type which has created a sensation at all flower shows. It produces four to six flowers on a stem, all in bloom at the same time. Color, white faintly flushed shell-pink as the flower ages. It is an excellent cut-flower and should be in every garden. Height, 24 in. 85c. per doz.; per 100, \$6.00; \$55.00 per 1000.

**SPECIAL NOTICE.** When comparing prices, please bear in mind that bulbs such as ours are produced under careful supervision of expert growers; only select quality, large size and the most up-to-date packing methods are employed. Forty-five years of successful distribution and service is your guarantee.

### Parrot Tulips

These belong to the late-flowering class and on account of their peculiar markings and shadings are much in demand. The petals have feathered edges, and in addition to other colors combine shades of green. We recommend that these be planted among shrubs to obtain the best results.

**FANTASY.** A sport from the Darwin Tulip, Clara Butt. Color, true salmon-rose, with ragged edges and fantastically shaped petals; the outer sides of the petals marked apple-green. Grows tall on stiff, upright stems. Has created a sensation at all flower shows. Color illustration on insert. Doz., \$1.10; \$8.00 per 100; \$75.00 per 1000.

**LUTEA MAJOR.** Yellow, striped crimson and green. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

**MARK GRAAF.** Golden inside, feathered brilliant scarlet-purple and green outside. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

**SUNDEW** (Crispa). -A beautiful cardinal-red variety with crystal-like fringe. Strong stem. 85c. per doz.; per 100, \$5.50; \$50.00 per 1000.

**MIXED COLORS.** Carefully blended and contains only the choicest sorts. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

### Lily-Flowering Tulips

This type of Tulip is now very popular. The varieties, some of which were previously listed among the Cottage Tulips, were obtained by crossing Darwins and Retroflexa Tulips. They bloom at the same time as Breeders, Cottages, and Darwins. Their long recurved petals give them a lily-like appearance. This class is fine for the garden or rockery.

**ALASKA.** G28. A beautiful new hybrid Tulip; long, pure golden yellow flowers, outer petals reflexing slightly. 85c. per doz.; per 100, \$5.50; \$52.50 per 1000.

**ARTEMIS.** G30. Long-stemmed variety. Elegantly reflexed petals; color, carmine-rose with pure white base. 85c. per doz.; per 100, \$5.50; \$52.50 per 1000.

**PICOTEE** (Maiden's Blush). G20. White with distinct pink-edged border, which suffuses the flower as it ages. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

**SIRENE.** F20. Beautiful cerise-pink, margined pale pink, with white base. A fine forcer. Color illustration on insert. 75c. per doz.; per 100, \$5.50; \$50.00 per 1000.



Sirene Tulip

HENRY F. MICHELL CO.



# MICHELL'S BULBS FOR ROCK-GARDENS

The varieties of bulbs listed below will give a finished touch to the rock-garden. They do not require any more treatment than that given other rock plants, and their beauty furnishes a contrast that is entirely different. By careful selection in planting they can be had in bloom from early spring until the alpine and other perennial plants commence flowering. They are perfectly hardy, long lived, and of easiest culture.

## ACONITE, WINTER

*Eranthis hyemalis*

Pure golden yellow flowers. Prefers a moist, shady location. Height, 6 in. 40c. per doz.; per 100, \$2.75 (by Parcel Post, \$2.90); \$25.00 per 1000.

## BRODIAEAS

**Choice Mixed.** A small bulb, producing grassy leaves near the ground and stems 6 to 8 inches long, with small waxy flowers in shades of blue and purple. 65c. per doz.; per 100, \$4.50 (by Parcel Post, \$4.65).

## CALOCHORTUS • Butterfly Tulip

**Mixed Colors.** A well-balanced mixture of colors. These native plants are hardy if given slight protection. Height, about 18 in. 85c. per doz.; per 100, \$6.00 (by Parcel Post, \$6.15).

## CHIONODOXA • Glory-of-the-Snow

**Luciliae.** Bright blue with white center. Makes a delightful edging plant. Color illustration on insert. 35c. per doz.; per 100, \$2.50 (by Parcel Post, \$2.65); \$22.50 per 1000.

## CROCUS, GIANT NAMED

**Mixed.** A mixture of large-flowering varieties, well blended in colors. Color illustration on insert. 35c. per doz.; per 100, \$2.50 (by Parcel Post, \$2.65); \$22.50 per 1000.

## ERYTHRONIUM

*Dog's-Tooth Violet*

**Denscanis.** Charming plants; lily-like flowers in shades of white, pink, creamy yellow and rose. Mottled leaves. Color illustration on insert. 80c. per doz.; per 100, \$6.00 (by Parcel Post, \$6.15); \$55.00 per 1000.

## FRITILLARIA MELEAGRIS

Guinea-Hen Flower; Checkered Lily

**Mixed Colors.** A dainty thing, producing bell-shaped flowers. Prefers a semi-shaded or low, moist position. 40c. per doz. (by Parcel Post, 55c.); per 100, \$3.00; \$25.00 per 1000.

## GRAPE HYACINTHS

*Muscari*

**Heavenly Blue.** Early flowering; very hardy and multiplies rapidly; should be in every rockery. Height, 6 to 8 in. 40c. per doz.; per 100, \$3.00 (by Parcel Post, \$3.15); \$25.00 per 1000.

## LILIES

The following varieties have been selected for their adaptability to rock-garden culture, producing a beautiful color effect. We suggest that all Lilies planted should be given a ground-cover of Granulated Peat Moss; this helps to keep the weeds down as well as keeping the surface cool and moist.

**Elegans, Mixed.** 30c. each; doz., \$3.00; \$20.00 per 100.

**Krameri.** Blush-pink. 45c. each; doz., \$4.50; \$32.50 per 100.

**Tenuifolium.** Scarlet. Color illustration on insert. 25c. each; doz., \$2.25; \$15.00 per 100.

**Umbellatum.** Orange-scarlet. Color illustration on insert. 35c. each; doz., \$3.25; \$25.00 per 100.

If wanted by Parcel Post, add 20c. per doz. for postage

## LEUCOJUM VERNUM

Spring Snowflake

A pretty bulbous plant, similar to the snow-drop but of larger size. Flowers white, tipped with green. Excellent for cutting. 75c. per doz.; per 100, \$5.00 (by Parcel Post, \$5.15).

## JONQUILS

**Campernelle Rugulosus.** Rich yellow. 10c. each; doz., 90c.; \$6.00 per 100; per 1000, \$55.00.

**Golden Sceptre.** Golden yellow. 15c. each; doz., \$1.25; \$8.00 per 100; per 1000, \$75.00.

**Single.** Rich yellow. 10c. each; doz., 90c.; \$6.00 per 100; per 1000, \$55.00.

**Double.** Deep golden yellow. 10c. each; doz., 90c.; \$6.00 per 100; per 1000, \$55.00.

For full description of above, see page 11

## NARCISSUS

**Angel's Tears** (*N. triandrus albus*). Creamy white trumpet which points down, while the sharply recurved petals point upward. Flowers are very dainty. Prefers a gritty soil between rocks. 20c. each; doz., \$1.75; \$12.50 per 100.

**W. P. Milner.** Miniature sulphur-white trumpet and perianth. Very satisfactory for rockeries. Very free flowering and endowed with the fragrance of the cowslip. 25c. each; doz., \$2.50; \$18.00 per 100.

**Thalia.** Orchid-flowered Narcissus. Produces 3 or 4 blooms on a sturdy stem. The gorgeous white flowers are so arranged as to remind one of orchids. 35c. each; doz., \$3.50; \$25.00 per 100.

## ORNITHOGALUM

Star of Bethlehem

**Arabicum.** Petals pure white, streaked light green, with a black center; very fragrant. 10c. each; per doz., \$1.00 (by Parcel Post, \$1.15); \$7.00 per 100.

## SCILLA SIBIRICA • Squills

**Spring Beauty.** A new variety, blooming earlier than the ordinary *Scilla sibirica*. Grows taller and produces a complete bouquet of intense blue flowers. Color illustration on insert. 75c. per doz.; per 100, \$5.50.

## SNOWDROPS • Galanthus

**Single Flowering.** Flowers white. One of the earliest bulbs to bloom. Perfectly at home in sun or shade. Very effective for edging. Height, 6 to 8 in. Color illustration on insert. 40c. per doz.; per 100, \$3.00 (by Parcel Post, \$3.15); \$25.00 per 1000.

## TULIPA CLUSIANA

Lady or Candystick Tulip

A gem for the rockery. Flowers cherry-red and creamy white, with violet base. Height, 8 in. Color illustration on insert. 85c. per doz.; per 100, \$6.00; \$55.00 per 1000.

Complete descriptions of the bulbs listed above will be found under their respective headings



Tulipa Clusiana

Jonquils

Bulbs in the Rock-Garden



# MICHELL'S SUPERB NAMED HYACINTHS

Our Hyacinth bulbs are of best quality, grown by specialists especially for us. The bulbs are of maximum sizes, fully aged.

**CULTURAL DIRECTIONS FOR HYACINTHS: Outdoor Culture.**—Plant in October and November, in good, well-drained garden soil. Plant bulbs so that the top will be 3 to 4 inches below the surface and 6 to 8 inches apart. After the ground has frozen, cover with litter, leaves, or manure, to protect them from frost; this should be removed in the spring when danger from hard frost is past.

**Pot-Culture.**—Plant any time from September to December, using a 4- or 5-inch pot for single bulbs, or several bulbs may be planted in a larger pot or bulb-pan. After planting, water well and put in a cool, dark, airy place until well rooted, after which remove to a cool room and later to a warmer room.

**Culture in Glasses.**—The single varieties are the best for this purpose. Place the bulb in a glass, which should be filled with water, so it touches the bottom of the bulb, and put the glasses in a cool, dark place. Change the water occasionally. Keep in the dark until well rooted and then remove to a light, cool place.

For complete cultural notes, see "Michell's Bulb Growing Guide," sent free on request.

As there is a slight variation as to time of blooming of the various sorts, we have indicated their relative time of flowering by letters following the name of the variety, the A's being the earliest, the D's the latest.

*If Hyacinth bulbs are wanted by Parcel Post, please add for postage as follows: on Monster and First Size, 15c. per doz.; on Second Size, 10c. per doz., 30c. per 100 to the first and second zones; for other zones, please see Parcel Post table on page 1*

The Monster bulbs are the largest or top-root bulbs and will produce extra-large well-filled spikes.

First-Size bulbs are especially desirable for growing in pots or glasses or for high-grade bedding.

Second-Size bulbs are desirable for bedding or for forcing in pots or pans.

## SINGLE BLUE SHADES

**Grand Maitre.** B. Large, deep porcelain-blue bells in very long, well-filled truss.

**King of the Blues.** D. Deep dark blue. A fine, compact truss. Excellent variety for late forcing and for bedding.

**Perle Brillante.** B. Large, light blue bells on a finely formed spike.

**Queen of the Blues.** D. Clear silvery or light porcelain-blue. Excellent for bedding or exhibition. Bells are medium size and thickly set on a strong stem.

## SINGLE PINK AND ROSE SHADES

**Gertrude.** A. Deep rose-pink. Excellent for forcing and bedding. Large, well-filled truss.

**Lady Derby.** A. Clear rose-pink. An excellent forcer and very fine for bedding, due to its strong stem.

**Marconi.** B. Rich rose-pink, center flushed white. Excellent for forcing and an outstanding variety for bedding. Spike compact and of fine form. Stems very sturdy.

**Queen of the Pinks.** C. Bright rose-pink; large spike and good-sized bells on a sturdy stem. The ideal variety for late forcing and also excellent for bedding.

## SINGLE SCARLET SHADES

**La Victoire.** A. One of the finest red varieties, maintaining its brilliant scarlet color. Unsurpassed for bedding or forcing. Should be in every collection.

**Roi des Belges.** A. Deep scarlet; sturdy spike and large bells.

## SINGLE WHITE SHADES

**La Grandesse.** C. Pure white, waxy bells; the perfect spike is full and long. This variety is excellent for late forcing and bedding.

**L'Innocence.** A. Pure white. Excellent forcer and very choice for bedding. Extra-fine truss with large bells.

## SINGLE YELLOW AND ORANGE SHADES

**City of Haarlem.** C. Well-formed, pure golden yellow bells on good spike. Valuable for exhibition purposes and excellent in the garden.

**King of the Yellows.** C. A fine spike of perfect form, composed of orange-yellow bells, heavily set on the stem.

**Yellow Hammer.** A. An excellent variety for pot-culture. Produces a compact spike, set with creamy yellow bells.

## SINGLE THIRD-SIZE HYACINTHS

A moderately priced bulb of good quality and size, and especially suited for bedding purposes.

**City of Haarlem.** C. Golden yellow.

**Gertrude.** A. Deep rose.

**Grand Maitre.** B. Bright porcelain-blue.

**King of the Blues.** D. Deep blue.

**King of the Yellows.** C. Orange-yellow.

**L'Innocence.** A. Pure white.

**La Grandesse.** C. Pure white.

**La Victoire.** A. Bright scarlet.

**Lady Derby.** A. Delicate pink.

**Marconi.** B. Rose-pink, center flushed white.

**Perle Brillante.** B. Pale blue.

**Queen of the Blues.** D. Silvery blue.

**Queen of the Pinks.** C. Rose-pink.

**Roi des Belges.** A. Deep red.

Price, 12c. each; doz., \$1.25; \$9.00 per 100

## Michell's Collection of Single Named Hyacinths

**Ideal Collection.** First-Size Bulbs, for pots, or for growing in water. 1 each of 12 varieties, \$2.00, postpaid.

**Window-Garden Collection.** Second-Size Bulbs, for growing in pots or in water. 1 each of 12 varieties, \$1.50, postpaid.

**Bedding Collection.** Third-Size Bulbs, excellent also for pots. 1 each of 12 varieties, \$1.25, postpaid.

	Each	Doz.	100
Monster Bulbs	\$0 25	\$2 50	\$17 50
First-Size Bulbs	20	2 00	14 00
Second-Size Bulbs	15	1 50	11 00

# Single first-size Hyacinths are best for growing in glasses

## MICHELL'S SUPERB HYACINTHS, continued

As there is a slight variation as to time of blooming of the various sorts, we have indicated their relative time of flowering by letters following the name of the variety, the A's being the earliest, the D's the latest.

If Hyacinth bulbs on this page are wanted by Parcel Post, add 10c. per doz., 30c. per 100 for postage to the first and second zones; for other zones, please see Parcel Post table on page 1



Roman Hyacinth, Virginia

### BLUE ROMAN HYACINTH VIRGINIA

This Hyacinth, which has been successfully grown for the last few years, comes from France. It is a cross between the Dutch Hyacinth, Captain Boynton, which is one of the finest of porcelain-blues and one of the strongest growers and the White French Hyacinth, from which it receives its daintiness and earliness of bloom. Virginia has much larger bells and the stem is longer than the White Roman. It will produce two or three perfect flower-spikes to the bulb. These do not appear together, but are successive in their bloom, thereby supplying flowers from the same planting over a long period of time.

**Virginia will bloom for Christmas**, coming at a time when flowers are scarcest in the green-houses. If not required at that time, it may be grown cool and flowered when wanted. It is impossible to describe or say too much about this Hyacinth. We feel it is really one of the finest introductions in recent years.

	Each	Doz.	100
Mammoth Bulbs.....	\$0 25	\$2 50	\$16 50
Monster Bulbs.....	35	3 75	25 00

#### SPECIAL NOTE

Will our customers please note that the Dutch Miniature Hyacinth bulbs which we offer are of large size, and, therefore, not to be compared in price with those that may be offered in smaller sizes and at lower prices.

### FRENCH ROMAN HYACINTHS

French Roman Hyacinths afford a continuous supply of bloom from early winter until late in spring if planted in succession. They are very fragrant.

Easily grown in pots or pans, and if bulbs are potted in September, the pots plunged in the open ground for a month, until well rooted, and then brought in the house, they can be had in flower in November or December, and a continuous supply of flowers may be had by bringing in a few pots or pans at intervals of about 2 weeks. The bulbs should be planted quite close together; a 6-inch pot or pan will be sufficiently large for six bulbs. They are not hardy and are not suitable for outdoor planting.

White. Extra-select bulbs.	Each	Doz.	100
12 to 15 ctm. ....	\$0 15	\$1 25	\$8 00
Mammoth Bulbs. 13 to 15 ctm. ....	20	1 50	10 00
Monster Bulbs. 14 to 15 ctm. ....	25	2 00	15 00
Light Blue.....	15	1 25	9 00
Light Pink.....	15	1 25	9 00

### DUTCH MINIATURE HYACINTHS

Excellent for growing in pans, boxes, or pots, blooming early and freely. Also fine for outdoor planting.

**City of Haarlem.** C. Golden yellow.  
**Gertrude.** A. Deep pink.  
**Grand Maitre.** B. Bright blue.  
**King of the Blues.** D. Deep blue.  
**King of the Yellows.** C. Orange-yellow.  
**Lady Derby.** A. Delicate pink.  
**La Grandesse.** C. Pure white.  
**La Victoire.** A. Beautiful bright scarlet.  
**L'Innocence.** A. Pure white.  
**Marconi.** B. Rich rose-pink, center flushed white.  
**Queen of the Blues.** D. Silvery blue.  
**Queen of the Pinks.** C. Rose-pink.  
**Roi des Belges.** A. Deep red.  
**Yellow Hammer.** A. Pure yellow.  
 Price, 10c. each; doz., \$1.00; \$7.00 per 100

### Hole-in-One Plant Setter and Bulb Planter

An excellent tool for planting bulbs or transplanting various plants, as it makes the proper size hole with ease. Price, 50c.

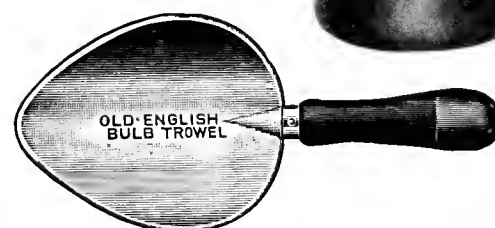


### HYACINTH GLASSES

Not Mailable

Hyacinths grow beautifully and look most decorative when grown in glasses with water. These Hyacinth glasses are specially made for this purpose.

**New Style.** Colors: Amber, Blue, Green, Rose, and White. 35c. each; doz., \$3.50.



### OLD ENGLISH BULB TROWEL

Heart-shaped blade, 4 3/4 inches wide, for planting out bulbs and plants. Price, \$1.00 (by Parcel Post, \$1.10).

### MICHELL'S PREPARED BULB FIBRE

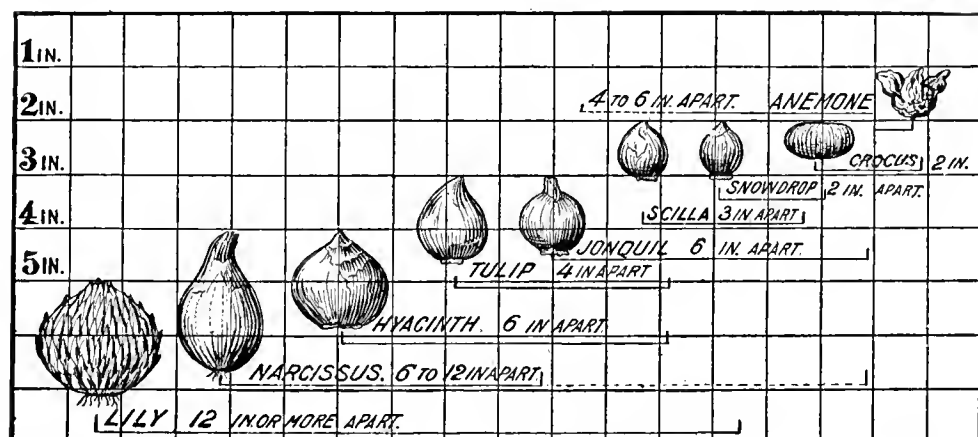
The ideal material in which to grow bulbs, such as Roman Hyacinths, Dutch Hyacinths, Narcissus, Tulips, etc., using vases, crocks, or other receptacles, without drainage. The advantage of this system is that the vases can be placed anywhere about the house, in the living-room, or dining-room, without any fear of water or soil coming through the base of the pots. The bulbs are potted the same way as in ordinary soil, after which they require little attention, except to keep the material moist. Qt., 15c.; 45c. for 4 qts.; pk., 75c.; \$1.25 per 1/2 bus.; bus., \$2.00.

### Number of Bulbs Required for Planting Circular Beds at Distances Noted Below

Oval beds require very much the same number, although we will be glad to give the exact information whenever desired, also for other sized or shaped beds.

#### DISTANCES FOR PLANTING APART

Diam. of bed	3 in. apart	4 in. apart	6 in. apart	8 in. apart	10 in. apart	12 in. apart
2 ft.....	61	37	19			
3 ft.....	127	95	37			
4 ft.....	217	127	61	37	24	19
5 ft.....	331	225	91	69	37	25
6 ft.....	469	271	127	78	52	37
7 ft.....	631	410	169	96	71	48
8 ft.....	817	469	217	127	85	61
9 ft.....	1027	650	271	156	110	74
10 ft.....	1261	721	331	190	127	91
11 ft.....	1519	940	397	240	150	110
12 ft.....	1801	1027	469	271	169	127
13 ft.....	2107	1280	543	318	200	150
14 ft.....	2437	1387	631	360	240	169
15 ft.....	2791	1670	721	420	271	200
16 ft.....	3169	1801	817	469	318	217
17 ft.....	3571	2140	919	543	360	240
18 ft.....	4037	2269	1027	590	390	271
19 ft.....	4187	2640	1141	631	420	318
20 ft.....	4961	2791	1261	721	469	331
21 ft.....	5459	3210	1387	785	540	360
22 ft.....	6981	3367	1519	817	590	397
23 ft.....	7527	3870	1659	945	625	420
24 ft.....	8097	4037	1801	1027	670	469
25 ft.....	8691	4325	1951	1165	721	590







A bed of Emperor Narcissus

# MICHELL'S NARCISSUS OR DAFFODILS

## AMERICAN-GROWN

No garden is complete without the Narcissus or Daffodil, it being among the most beautiful and fragrant of our hardy spring-flowering bulbs, doing well in almost all soils and situations, for naturalizing, planting among shrubbery, and in formal beds. For house or greenhouse culture they are equally desirable, planted in pots or pans.

**Cultural Directions.**—Owing to the various sizes of the bulbs of different varieties, we cannot give the exact depth to plant, but a good rule to follow is to cover the bulb one and one-half times its own depth. For house-culture, 3 or 4 bulbs can be put in a 5-inch or 6-inch pan or pot and given the same treatment as hyacinths.

The letter following the name indicates their relative time of flowering, the A's being the earliest to bloom, followed by B's, and the C's the latest. The figures denote the height in inches.

*If Narcissus bulbs are wanted by Parcel Post, add 30c. per 100 for postage to the first and second zones; for other zones, please see Parcel Post table on page 1*

### GIANT TRUMPET VARIETIES

This class of Narcissus is distinguished for long petals or perianth and very large trumpets and is the showiest of all Narcissus, also one of the most useful.

**EMPEROR.** C18. One of the best Narcissus in cultivation, for either outdoors or indoors. Pale yellow trumpet; primrose perianth. Color illustration on back cover.

	Each	Doz.	100	1000
First-size Bulbs...	\$0 10	\$0 90	\$6 50	\$60 00
Monster Bulbs...	15	1 25	8 50	80 00

**EMPRESS.** C18. Perianth pure white; trumpet golden yellow, making the flower extremely attractive.

	Each	Doz.	100	1000
First-size Bulbs...	\$0 10	\$0 90	\$6 50	\$60 00
Monster Bulbs...	15	1 25	8 50	80 00

**GLORY OF SASSENHEIM.** B18. Beautiful large bicolor; perianth white; trumpet golden yellow. Very early forcer. 15c. each; doz., \$1.35; \$9.00 per 100; per 1000, \$85.00.

**GOLDEN SPUR.** B18. Unusually good for garden culture or forcing. Very early. Blooms freely. Pure golden yellow.

	Each	Doz.	100	1000
First-size Bulbs...	\$0 10	\$0 90	\$6 50	\$60 00
Monster Bulbs...	15	1 25	8 50	80 00

**KING ALFRED.** B18. Intense golden yellow; trumpet large and open, with a deep frilled edge.

	Each	Doz.	100	1000
First-size Bulbs.....	\$0 15	\$1 50	\$10 00	
Monster Bulbs.....	20	2 10	15 00	

**MINISTER TALMA.** A18. Large, bright yellow, open trumpet, deeply frilled and flanged at brim. 20c. each; doz., \$1.75; \$12.50 per 100.

**MRS. E. H. KRELAGE.** B21. Often referred to as the "White King Alfred." This is one of the finest pure white trumpet varieties. Very free flowering and a splendid exhibition variety. Color illustration on back cover. 25c. each; doz., \$2.50; \$17.50 per 100.

**OLYMPIA.** B20. Flowers large; both trumpet and perianth yellow. Fine for forcing. 20c. each; doz., \$2.10; \$15.00 per 100.

**ROBERT SYDENHAM.** B20. An outstanding, heavily frilled and giant-flowering variety. Trumpet golden yellow; perianth soft sulphur-yellow. Free flowering and an early forcing type. 20c. each; doz., \$2.10; \$15.00 per 100.

**SPRING GLORY.** B16. An extra-fine variety with pure white perianth and a golden yellow trumpet. Very early and free flowering. Color illustration on back cover. 20c. each; doz., \$1.50; \$10.00 per 100.

**TRESSERVE.** B17. Large yellow trumpet; pale yellow perianth. 15c. each; doz., \$1.50; \$10.00 per 100.

**VAN WAVEREN'S GIANT.** B16. Perianth soft primrose-yellow, with large bright yellow trumpet. One of the best in the giant class. Excellent for forcing in pots or for the garden.

	Each	Doz.	100	1000
Monster Bulbs .....	\$0 20	\$2 25	\$16 50	

**VICTORIA.** C18. Beautiful Bicolor. Trumpet golden yellow; perianth creamy white. Early.

	Each	Doz.	100	1000
First-size Bulbs...	\$0 10	\$0 90	\$6 50	\$60 00
Monster Bulbs ..	15	1 25	8 50	80 00

### MEDIUM TRUMPET NARCISSUS

These are also a popular type of the Narcissus or Daffodil family. Fine for garden culture, also for growing indoors in pots or pans, or in flats for cut-flowers.

**CONSPICUUS.** Barri. C20. Broad, spreading perianth of pale yellow; darker yellow cup, edged scarlet. Excellent for cutting. 10c. each; doz., 90c.; \$6.00 per 100; per 1000, \$55.00.

**CRÆSUS.** Incomparabilis. A20. A plant with two or three flowers unfolded is a sensation to behold and a real treasure in your garden. A new variety that is truly different in every respect. Perianth is primrose-yellow, with thick, overlapping petals; an unusually large and widely expanded crown of deep orange-red completes this gorgeous picture. Color illustration on back cover. 20c. each; doz., \$1.75; \$12.00 per 100.

**DIANA KASNER.** Barri. B18. Pure white perianth; large, fluted yellow cup, with blood-red frill. Very free flowering. Excellent forcer. Color illustration on back cover. 25c. each; doz., \$2.25; \$15.00 per 100.

**LUCIFER.** Incomparabilis. C18. A very showy variety. Perianth white; trumpet orange-scarlet. 10c. each; doz., \$1.00; \$7.00 per 100; per 1000, \$65.00.

**SIR WATKIN.** Incomparabilis; Giant Chalice Flower. C15. The flower is probably the largest in its class. Fine for moderate forcing as well as bedding on a large scale. Perianth sulphur-yellow; cup tinged with orange. Very early. 15c. each; doz., \$1.25; \$8.50 per 100; per 1000, \$80.00.

**WHITE LADY.** Leeds. C12. White perianth; canary-yellow cup. 10c. each; doz., 90c.; \$6.50 per 100; per 1000, \$60.00.

Picture a bed of Olympia Narcissus widely planted and spaces filled with light blue pansies.

Try Narcissus, Robert Sydenham, planted on the north side of a small pond's edge; the huge flowers will face the water and their reflection will create a superb view from the south side.



Trumpet Narcissus



Narcissus poetaz



Narcissus poeticus



Jonquils

## MICHELL'S SUPERB NARCISSUS, continued

If Narcissus bulbs are wanted by Parcel Post, add 30c. per 100 for postage to the first and second zones; for other zones, please see Parcel Post table on page 1

### NARCISSUS FOR THE ROCK-GARDEN

**ANGEL'S TEARS** (*N. triandrus albus*). C8. Creamy white trumpet which points down, while the sharply recurved petals point upward. Flowers are very dainty. Prefers a gritty soil between rocks. 20c. each; doz., \$1.75; \$12.50 per 100.

**W. P. MILNER**. C12. Miniature sulphur-white trumpet and perianth. Very satisfactory for rockeries. Exceedingly attractive when forced in small bowls. Very free flowering, with the fragrance of the cowslip. 25c. each; doz., \$2.50; \$18.00 per 100.

**THALIA**. Orchid-flowered Narcissus. C15. A sensation at all recent flower shows. Produces 3 or 4 blooms on a sturdy stem; color is a gorgeous white and flowers are so arranged as to remind one of orchids. An excellent variety for February forcing. Truly a variety that is different. 35c. each; doz., \$3.50; \$25.00 per 100.

### JONQUILS FOR THE ROCK-GARDEN

**CAMPERNELLE RUGULOSUS** **SINGLE**  
**GOLDEN SCEPTRE** **DOUBLE**

For descriptions and prices see opposite column

### NARCISSUS TRIANDRUS

These are the Cyclamen-flowered Daffodil, with reflexing perianth. The flowers are more or less drooping and of elegant form.

**ANGEL'S TEARS** (*N. triandrus albus*).

**THALIA**. Orchid-flowered Narcissus.

For descriptions and prices, see above under Narcissus for the Rock-Garden.

### Hardy Narcissus in Mixture

For Massing or Cut-flowers

A excellent blending of varieties suitable for naturalizing or other mass plantings. Can be used in borders, fields, woods, or, in fact, anywhere, producing a wide range of color and variety of bloom. A clump of these planted in a corner of your garden will produce a fine lot of flowers for table or house decoration. We offer extra-large bulbs only, which can be depended on the first season. 10c. each; doz., 90c.; \$6.00 per 100; per 1000, \$55.00.

**Important Notice.** In order to obtain best results, all bulbs should be unpacked immediately upon arrival and either planted at once or stored in a cool and dry place.

### DOUBLE NARCISSUS

These are perfectly hardy, very popular, and well adapted to outdoor planting. Most of the varieties are also excellent for house and conservatory growing in pots or pans.

**ALBA PLENA ODORATA**. Gardenia-flowered Narcissus. A. A very sweet-scented pure white variety called Double Poet's Narcissus. It flowers later than many of the other Daffodils and is not desirable for forcing. Height, about 15 in. 10c. each; doz., \$1.00; \$7.00 per 100; per 1000, \$65.00.

**ORANGE PHOENIX**. Eggs and Bacon. C. Light yellow, almost white, with an orange-yellow center. Fine for pot-culture. Height, 16 in. 10c. each; doz., \$1.00; \$7.00 per 100; per 1000, \$65.00.

**PRIMROSE PHOENIX**. C. Large, rose-shaped flowers on long stems, primrose-yellow. A great improvement over Von Sion and growing more in favor each season. 15c. each; doz., \$1.50; \$10.00 per 100.

**TWINK**. A. A double of the semi-full type, the petals alternating a soft primrose and clear orange. Very attractive. A very easy forcer. Color illustration on back cover. 30c. each; doz., \$3.00; \$22.50 per 100.

**VON SION** (*N. telemonius plenus*). C. The true double Daffodil. Pure golden yellow, entirely free from green-tipped flowers, which are often found in cheap grades. For forcing or outdoor planting it has no equal.

	Each	Doz.	100	1000
First-size Bulbs...	\$0 10	\$0 90	\$6 50	\$60 00
Monster Bulbs...	15	1 25	8 50	80 00

### SWEET-SCENTED JONQUILS

Much prized for their fragrant flowers. Perfectly hardy in gardens or naturalized. Excellent for rock-gardens and also well adapted to indoor culture in pots or pans.

**CAMPERNELLE RUGULOSUS**. 18. Large, rich yellow flowers, borne very freely. Very effective in deep pockets near the base of rockeries. 10c. each; doz., 90c.; \$6.00 per 100; per 1000, \$55.00.

**GOLDEN SCEPTRE**. 20. Large, golden yellow, trumpet-shaped, very fragrant blooms, excellent for forcing. 15c. each; doz., \$1.25; \$8.00 per 100; per 1000, \$75.00.

**SINGLE**. 12. Rich yellow; very fragrant. Free flowering and fine for cutting. 10c. each; doz., 90c.; \$6.00 per 100; per 1000, \$55.00.

**DOUBLE**. 12. Flowers very double, deep golden yellow, not quite as fragrant as the single, but of very graceful form. 10c. each; doz., 90c.; \$6.00 per 100; per 1000, \$55.00.

### NARCISSUS POETAZ

Cluster-flowered Narcissus

This type is a cross between the old Poeticus and Polyanthus varieties. They are hardy, free-flowering, and fragrant. Excellent for house-culture as well as for the garden border.

**CHEERFULNESS**. C. Excellent double-flowing type. A real double white with a faint suggestion of pale yellow at base. Medium to late forcing flower, a little later than Laurens Koster. 20c. each; doz., \$1.75; \$12.50 per 100.

**ELVIRA**. B. The blooms are pure white with delicate yellow cup, come 3 to 4 to a long stem, and from 2 to 3 stems are produced from a single bulb; fragrant. 10c. each; doz., \$1.00; \$7.00 per 100; per 1000, \$65.00.

**HELIOS**. C. Creamy yellow; pure yellow cups. Very free flowering and an excellent cut-flower. It is early and has strong stems, with 5 to 8 large florets. This variety is a great favorite wherever grown. 15c. each; doz., \$1.25; \$8.00 per 100.

**LAURENS KOSTER**. B. Flowers large; perianth pure white, with deep orange-yellow cup. Frequently 4 or 5 flowers are produced on a stem. Color illustration on back cover. Large bulbs, 15c. each; doz., \$1.25; \$8.00 per 100; per 1000, \$75.00.

**ORANGE CUP**. C. Creamy white; conspicuous orange cups—a most exquisite color combination. It deserves a prominent spot in your garden. 6 to 8 florets are usually produced on a stem and two stems per bulb. 15c. each; doz., \$1.25; \$8.00 per 100; per 1000, \$75.00.

### NARCISSUS POETICUS

Poet's or Pheasant-Eye Narcissus

This is the old favorite type, excellent in the open border or naturalized in grass. Perfectly hardy and once planted takes care of itself. Can also be grown indoors in pots or pans with excellent results.

**POETICUS, HORACE**. One of the best in the Poet's type. Perianth pure white, of large size; very conspicuous red eye. Free flowering and strong stemmed. Color illustration on back cover. 10c. each; doz., \$1.00; \$7.00 per 100; per 1000, \$65.00.

**POETICUS ORNATUS**. C. A much-improved form of the ordinary Poeticus, producing larger flowers and blooming two weeks earlier. Flowers pure white; saffron cup, margined scarlet. Valuable for forcing and cutting. Mammoth bulbs, 10c. each; doz., 90c.; \$6.50 per 100; per 1000, \$60.00.

**Note.** Monster Bulbs will be supplied in all varieties, except where specified.

After planting Narcissus, let them alone until they get crowded

MICHELL'S SUPERB NARCISSUS, continued

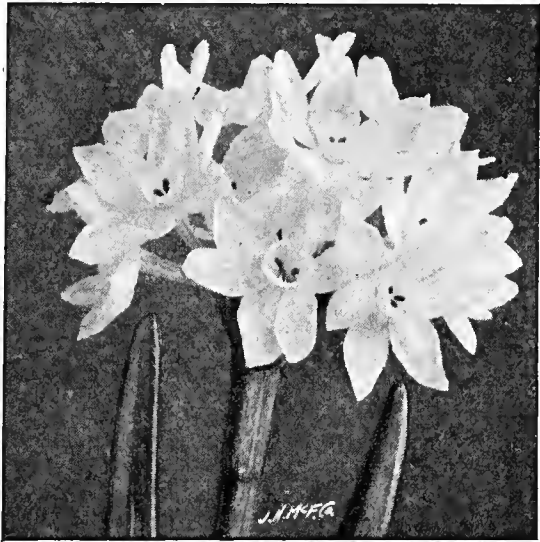
**POETICUS ORNATUS MAXIMUS**  
Extremely broad, overlapping petals, recurving from typical Pheasant's Eye cup. Unsurpassed for naturalizing. 15c. each; doz., \$1.25; \$8.00 per 100; per 1000, \$75.00.

**POLYANTHUS NARCISSUS**  
Bunch-flowering  
This class of Narcissus is suitable for indoor planting only, except south of the Carolinas. We list the best three varieties of this type, which are grown especially for us, and the bulbs we have been supplying have been giving the best results. These bulbs can be grown successfully in soil as well as in pebbles and water, and can be had in bloom from Thanksgiving to Easter. Store your bulbs in a cool, dry place when received, and for a succession of bloom, plant at intervals of about two weeks from October 1 to March 1.  
The flowers are produced in clusters and are delightfully fragrant.

**Michell's Big-Bloom Paper-White**  
Color illustration on insert  
This is a pure white-flowering sort, used extensively for forcing, as it can be brought into bloom in 8 weeks' time. Easily grown in pebbles and water.

	Doz.	100	1000
Selected Bulbs.....	\$0 50	\$3 00	\$25 00
Mammoth Bulbs.....	60	4 00	35 00
Monster Bulbs.....	75	5 00	45 00
Jumbo Bulbs.....	80	5 50	50 00

**Peat Moss, Torf Mull**  
Imported, Granulated  
A moisture-retaining humus and an aid in saving soil fertility. It furnishes the needed organic matter which all soils require. Excellent for mulching rose-beds, shrubbery and evergreens. Also excellent for lawns. A clean, odorless substitute for manure. Small size bale, \$1.75; \$3.50 per large bale.



Paper-White Narcissus

**GRAND SOLEIL D'OR**  
Golden Chinese Lily  
Often called "Yellow Paper-White." Rich yellow, with deep red cup. This is a fine variety for cutting. Treat same as the regular Chinese Lily.

	Each	Doz.	100
Mammoth Bulbs.....	\$0 10	\$1 00	\$7 50
Monster Bulbs.....	15	1 25	9 00
Jumbo Bulbs.....	20	1 50	11 00

**CHINESE SACRED LILIES**  
Place from 3 to 6 bulbs in a bowl on top of pebbles to the depth of 2 inches, adding a piece of charcoal to the water to keep it sweet. Place more pebbles around the bulbs and fill the bowl with water to the top of pebbles. After being planted they should be stored for three weeks in a cool, dark corner and then brought to a light but cool place. They may also be grown in pots with soil or sand, bulb fibre and moss.

	Each	Doz.	Doz.	100
Monster Bulbs	\$0 10	\$1 00	\$1 20	\$7 00

MATERIAL FOR SUCCESSFUL HOUSE CULTURE OF BULBS					
	Qt.	4 qts.	Pk.	Bus.	Bbl.
Bulb Fibre .....	\$0 15	\$0 45	\$0 75	\$2 00	
Charcoal (Lump) .....	10	35	65	1 50	\$2 00
Leaf-Mould .....	10	30	45	1 25	3 00
Pearl Chips. White or colored. 1-lb. pkg., 10c.; 12 pkgs. \$1.00.					
White. 10 lbs., 75c.					
Colored. 10 lbs., \$1.00.					
Pebbles.....	10	40	75	2 50	5 00
Potting Sand .....	10	25	40	1 40	3 00
Prepared Potting Soil .....	10	25	40	1 50	3 25
6-in. Bulb-Pans.....			Each \$0 12	Doz. \$1 20	100 \$8 90
7-in. Bulb-Pans.....			20	2 00	13 50
4-in. Pots .....			07	50	3 30



Naturalized Narcissus



# MICHELL'S SUPERB LILY BULBS

Parcel Post charges where named are for shipment to the first and second zones;  
for other zones, please see Parcel Post table on page 1

## MICHELL'S EASTER LILY BULBS

For indoor culture

**Cultural Notes.**—As soon as bulbs are received, plant them in pots. Place a handful of well-rotted cow-manure in the bottom of the pot and set the bulb directly on top, covering it with soil. After watering, place in an outside pit and protect from the direct rays of the sun; cover well with soil, ashes, or any other suitable litter. After the bulbs have become thoroughly rooted, bring inside, in a temperature of about 60 degrees. Let the plants grow slowly under a bench or some other suitable place until about 6 inches high, then place on top of the bench. About two months before Easter they can be brought into a warmer temperature and gradually forced into flower and height at one time.



Lilium candidum

### MICHELL'S "SPECIAL BRAND" LILIUM HARRISI • True Bermuda Easter Lily

	Ready now	By Parcel Post		
		Each	Doz.	100
7 to 9-in. circum.....	\$0 30	\$3 00	\$3 20	\$22 50
8 to 10-in. circum.....	40	4 25	4 45	32 50
9 to 11-in. circum.....	55	6 00	6 35	42 50
11 to 13-in. circum.....	1 25	12 00	12 35	85 00
13 to 15-in. circum.....	1 75	18 00	18 35	

### LILIUM GIGANTEUM

	Ready in October	By Parcel Post		
		Each	Doz.	100
8 to 10-in. circum.....	\$0 40	\$4 00	\$4 20	\$27 50
9 to 10-in. circum.....	50	5 50	5 75	40 00
10 to 12-in. circum.....	65	7 00	7 30	50 00

### LILIUM ERABU

	Ready now	By Parcel Post		
		Each	Doz.	100
8 to 10-in. circum.....	\$0 40	\$4 00	\$4 20	\$27 50
9 to 10-in. circum.....	50	5 50	5 75	40 00
10 to 12-in. circum.....	70	7 25	7 55	55 00
11 to 13-in. circum.....	1 00	10 00	10 35	75 00

### LILIUM FORMOSUM

The Formosa Easter Lily

Ready now

Similar to the Bermuda Lily, but blooms earlier. Dark-stemmed, Erabu Isle-grown. (Flowering generally in March and April.) **Same prices as Lilium Erabu.**

### LILIUM CANDIDUM (Hardy)

St. Joseph's, Madonna, or Annunciation Lily

**How and Where to Plant.**—Madonna Lilies, due to their pure white color, fit into any garden scheme. Plant throughout the hardy border, in clumps of 5 to 10 bulbs each, setting bulbs a little on their side and about 4 to 6 inches apart each way. Cover the crowns only slightly, not more than 2 inches. Plant in conjunction with delphiniums, against a background of evergreens or climbing roses, or against a summer-house or in a pergola in thickly planted clumps.

	Each	By Parcel Post		
		Doz.	Doz.	100
Mammoth Bulbs.....	\$0 30	\$2 75	\$2 90	\$20 00
Monster Bulbs.....	35	3 75	3 95	27 50
Jumbo Bulbs.....	50	5 00	5 25	37 50
Special Exhibition Bulbs.....	70	7 25	7 55	55 00

## MICHELL'S HARDY GARDEN LILIES

If Lily bulbs are wanted by Parcel Post, add 20c. per doz. for postage to the first and second zones;  
for other zones, please see Parcel Post table on page 1

**Special Notice Regarding Delivery.**—Most of the Lilies listed below will arrive in time for fall planting. Some varieties, however, reach us too late, and orders for these will be held for early spring delivery. When ordering, please specify if you desire for fall or spring delivery.

It is advisable to prepare your Lily-bed in the early autumn and cover with 3 to 4 inches of litter. This will prevent freezing and will permit safe planting of the late arrivals.

### JAPANESE LILIES • Lilium japonicum

Ready November to December

**AURATUM.** Golden-banded Lily. Blooms often measure 8 to 12 inches across; pure white, spotted crimson, each petal marked in the center with a band of yellow; delightfully fragrant. Height, 4 to 5 ft. Aug. Color illustration on insert.

	Each	Doz.	100
Large Bulbs, 8 to 9-in. circum.....	\$0 30	\$3 00	\$20 00
Mammoth Bulbs, 9 to 11-in. circum.....	40	4 00	27 50
Monster Bulbs, 11 to 13-in. circum.....	50	5 50	40 00
Jumbo Bulbs, 13 to 15-in. circum.....	75	8 50	65 00

**SPECIOSUM ALBUM.** The best late-flowering, pure white, hardy garden Lily of easy culture. Its graceful stems and foliage are set off to wonderful advantage by the pure white blooms. Height, 3 to 4 ft. Sept.

	Each	Doz.	100
Large Bulbs, 8 to 9-in. circum.....	\$0 35	\$3 50	\$25 00
Mammoth Bulbs, 9 to 11-in. circum.....	45	4 50	35 00
Monster Bulbs, 10 to 12-in. circum.....	70	7 00	50 00

To have beautiful flowers one must have good bulbs

## MICHELL'S HARDY GARDEN LILIES, continued

### JAPANESE LILIES, continued

**SPECIOSUM MAGNIFICUM.** An enormous rich deep pink flower, spotted crimson. Height, 3 to 4 ft. Aug. Each Doz. 100  
Large Bulbs, 8 to 9-in. circum.....\$0 30 \$3 00 \$22 50  
Mammoth Bulbs, 9 to 11-in. circum..... 40 4 00 27 50  
Monster Bulbs, 11 to 13-in. circum..... 55 6 00 45 00  
Jumbo Bulbs, 13 to 15-in. circum..... 90 10 00 75 00

**SPECIOSUM MELPOMENE.** Deep pink, spotted red. Height, 3 to 4 ft. Aug. Each Doz. 100  
Large Bulbs, 8 to 9-in. circum.....\$0 30 \$3 00 \$22 50  
Mammoth Bulbs, 9 to 11-in. circum..... 40 4 00 27 50  
Monster Bulbs, 11 to 13-in. circum..... 55 6 00 45 00  
Jumbo Bulbs, 13 to 15-in. circum..... 90 10 00 75 00

**SPECIOSUM RUBRUM or ROSEUM.** Delicate pink, almost white, spotted red. One of the old garden favorites. Height, 4 to 5 ft. Sept. Color illustration on insert. Each Doz. 100  
Large Bulbs, 8 to 9-in. circum.....\$0 30 \$3 00 \$22 50  
Mammoth Bulbs, 9 to 11-in. circum..... 40 4 00 27 50  
Monster Bulbs, 11 to 13-in. circum..... 55 6 00 45 00  
Jumbo Bulbs, 13 to 15-in. circum..... 90 10 00 75 00

**TIGRINUM FLORE-PLENO.** Tiger Lily. Double. Orange, spotted black. Height, 4 to 5 ft. 30 3 00 22 00

**TIGRINUM SPLENDENS.** Single. Orange, spotted black. Height, 4 to 5 ft. 25 2 75 20 00

### MISCELLANEOUS JAPANESE LILIES

**BATEMANNIÆ.** Apricot colored. Height, 3 ft. Each Doz. 100  
July.....\$0 40 \$3 50 \$25 00

**HANSONI.** Reddish orange blooms, 8 to 12 in a cluster. Often grows from 3 to 5 feet high. June. 50 5 50 40 00

**HENRYI.** Yellow Speciosum Lily. Distinct orange-yellow flowers in great profusion. Tall grower, often 7 feet. July, Aug. 45 4 50 32 50

**KRAMERI (L. japonicum).** Blush-pink. A good variety for the rock-garden. Height, 3 ft. June, July. 45 4 50 32 50

### MISCELLANEOUS LILIES

Ready in October

**CANADENSE.** Canadian Bellflower Lily. Bright yellow flowers, spotted black inside. Height, 3 to 5 ft. June, July. Each Doz. 100  
.....\$0 30 \$3 00 \$22 00

**CANADENSE RUBRUM.** Crimson with black spots. Height, 3 to 4 ft. Aug. 35 3 50 25 00

**DAVURICUM.** Upright scarlet flowers. Height, 2 to 3 ft. June, July. 35 3 50 25 00

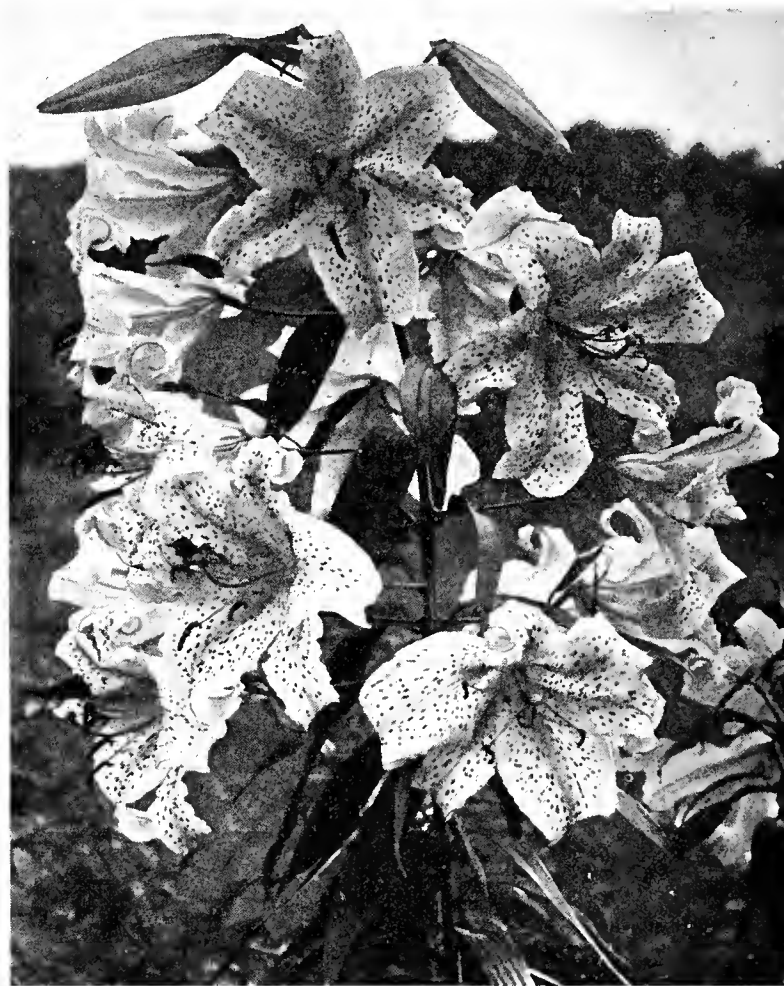
**ELEGANS, MIXED.** Shades of orange. Fine for the rock-garden. Height, 2 ft. June, July. 30 3 00 20 00

**MACRANTHUM (L. auratum platyphyllum).** Giant Golden-banded Lily. Height, 4 to 5 ft. Aug. 50 5 00 40 00

**PARDALINUM CALIFORNICUM.** Orange, spotted crimson. Height, 4 to 6 ft. July. 40 4 00 30 00



*Lilium speciosum*



*Lilium auratum.* See page 13

**SUPERBUM.** Turk's-Cap Lily. Grows from 4 to 5 feet high and produces from 15 to 25 orange-red flowers on a stalk. Aug. Each Doz. 100  
.....\$0 35 \$3 50 \$25 00

**TENUIFOLIUM.** Grows 1½ feet high, with clusters of brilliant scarlet, star-like flowers on wiry stems. Grows very easily in a well-drained pocket in the rock-garden. Color illustration on insert. 25 2 25 15 00

**UMBELLATUM.** Orange-scarlet. Well adapted for growing in the rock-garden. Height, 2 ft. June. Color illustration on insert. 35 3 25 25 00

### REGALE LILY • *Lilium myriophyllum*

Large flowers with centers flushed golden yellow, shading off to creamy white at outer edges; the reverse of the flowers is streaked with brown, shaded a pearly tint. Its sturdy stems are 3 to 5 feet high. Plant in fall or early spring, 8 to 9 inches deep. Blooms in July. (Ready in October.) Color illustration on insert.

	Each	Doz.	100
Large Selected Bulbs, 7 to 8-in. circum.....	\$0 30	\$3 25	\$22 50
Mammoth Bulbs, 8 to 9-in. circum.....	35	3 50	25 00
Monster Bulbs, 9 to 10-in. circum.....	50	5 00	35 00
Jumbo Bulbs, 10 to 11-in. circum.....	75	8 00	60 00

### LILIUM PHILIPPINENSE FORMOSANUM

This is a wonderful Lily, producing large, pure white blooms tinted with rose on the outside. In size and form it resembles the Easter Lily, with a similar delightful fragrance. It is a profuse bloomer and invaluable as a cut-flower. Perfectly hardy in cold climates if given a mulch in the late fall. We recommend this recent introduction as one of the finest acquisitions. 25c. each; doz., \$2.50; \$15.00 per 100.

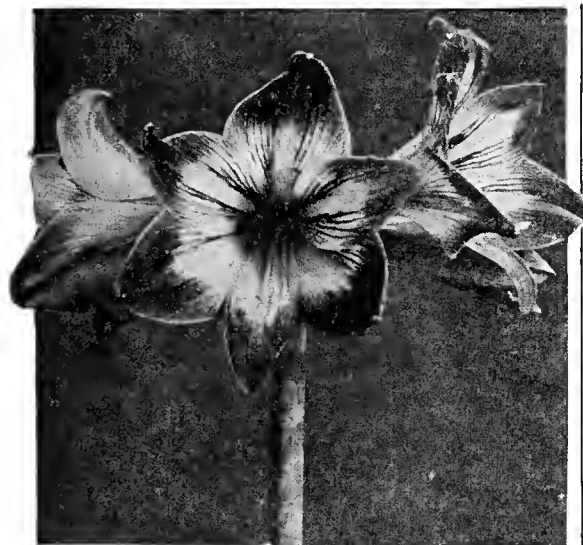
### YOUR LAWN

Autumn is an ideal time to renovate and re-seed worn-out turf. See page 46

# MICHELL'S MISCELLANEOUS BULBS

## For Winter and Spring Flowering

Parcel Post charges where named are for shipment to the first and second zones; for other zones, please see Parcel Post table on page 1



Amaryllis

### ACONITE, WINTER

*Eranthis hyemalis*

A very early spring-flowering bulb with golden yellow blooms. Prefers a moist, shady location. Perfectly hardy. Excellent for the rockery. Height about 6 in. 40c. per doz.; per 100, \$2.75 (by Parcel Post, \$2.90); \$25.00 per 1000.

### AMARYLLIS

Ready in November or December

**Cultural Directions.**—When bulbs are received they should be placed where they will always be slightly moist and warm. Do not pot up the bulbs until the flower-buds appear. When first potted, give very little water and promote growth by giving moderate bottom heat; increase the supply of water as the plants grow.

If wanted by Parcel Post, add 20c. per doz. for postage

**Giant American Hybrids.** The finest race of Amaryllis in cultivation, exceeding in the size and fine form of their flowers, as well as in the diversity of colors and markings, all former hybrids. Flowers striped and flaked. We offer mixed colors only.

	Each	Doz.	100
Large Selected Bulbs	\$0 50	\$5 00	\$40 00
Choice Mammoth Bulbs	65	7 00	55 00

### ANEMONE . Windflower

None of the spring flowers surpasses the Anemones for brilliancy of color and profusion of bloom. They are excellent decorative plants for house or garden. The foliage is most attractive and, above all, the plant is crowned with long-stemmed, beautiful flowers in many colors and shades. If planted outdoors in the fall, they must be well protected with leaves or other litter. They are also well adapted for pot-culture and are excellent for cutting. Height, 1½ ft.

**Blue Poppy.** A choice selection of blue shades. Large, poppy-shaped, thick-petaled blooms on long stems. 75c. per doz.; per 100, \$5.00 (by Parcel Post, \$5.15); \$45.00 per 1000.

**De Caen.** Single French varieties in mixed colors. 60c. per doz.; per 100, \$4.00 (by Parcel Post, \$4.15); \$35.00 per 1000.

**His Excellency.** Beautiful, large-flowering Poppy Anemone. Deep scarlet; thick petals; long stems. 75c. per doz.; per 100, \$5.00 (by Parcel Post, \$5.15); \$45.00 per 1000.

**St. Brigid.** A greatly improved form with immense semi-double and double flowers in many colors. 75c. per doz.; per 100, \$5.00 (by Parcel Post, \$5.15); \$45.00 per 1000.

### BEGONIAS, Tuberous-rooted

Ready in January

Enormous, wax-like flowers appear uninterruptedly from June until frost. Plant bulbs outdoors about May 1, or start indoors any time prior to then.

If wanted by Parcel Post, add 25c. per 100 for postage

Single and dozen bulbs mailed free

#### Single Begonias (Large Bulbs)

<b>Crimson</b>	<b>Scarlet</b>
<b>Orange</b>	<b>White</b>
<b>Pink and Rose</b>	<b>Yellow</b>
<b>Salmon</b>	

Price, 20c. each; doz., \$2.15; \$16.00 per 100

**Mixed Colors.** 20c. each; doz., \$2.00; \$14.00 per 100.

#### Double Begonias (Large Bulbs)

<b>Crimson</b>	<b>Scarlet</b>
<b>Orange</b>	<b>White</b>
<b>Pink and Rose</b>	<b>Yellow</b>
<b>Salmon</b>	

Price, 25c. each; doz., \$2.50; \$19.00 per 100

**Mixed Colors.** 25c. each; doz., \$2.25; \$17.00 per 100.

#### Begonia crispa (Large Bulbs)

The edge of each flower petal is exquisitely frilled.

<b>Orange</b>	<b>Scarlet</b>
<b>Pink and Rose</b>	<b>White</b>
<b>Salmon</b>	<b>Yellow</b>

Price, 20c. each; doz., \$2.15; \$16.00 per 100

**Mixed Colors.** 20c. each; doz., \$2.00; \$14.00 per 100.

#### Begonia, Hanging-Basket Type

For vases, hanging-baskets, porch and window-boxes.

**Mixed Colors.** 25c. each; doz., \$2.50; \$19.00 per 100.

### BRODIAEAS

**Choice Mixed.** A small bulb producing grassy leaves near the ground and small waxy flowers in shades of blue and purple on slender, stiff stems, 6 to 8 inches high. Fine for rockeries. 65c. per doz.; per 100, \$4.50 (by Parcel Post, \$4.65).

### FANCY-LEAVED CALADIUMS

Ready in January

These are grown for us by one of the leading hybridizers. They are charming conservatory plants, for, being of a tropical nature, they like a warm temperature. They do quite well outdoors during the summer, if planted in a shaded place. The foliage covers a wide range of colors, making a grand display. Bulbs should be started in moss with plenty of bottom heat.

#### Extra-Fancy Highly Colored Named Varieties

A selection of best highly colored and newer sorts. 35c. each; doz., \$3.50 (by Parcel Post, \$3.60); \$25.00 per 100.

#### Mixed Varieties

An assortment especially blended for us. 30c. each; doz., \$2.75 (by Parcel Post, \$2.85); \$20.00 per 100.

### CALLA LILIES

Callas require good, rich soil and plenty of warmth and water to make them thrive. Plant indoors only.

If Callas are wanted by Parcel Post, add 15c. per doz. for postage

#### White Calla (Aethiopica) Lily-of-the-Nile

	Each	Doz.	100
First-size Bulbs, 1¼ to 1½-in. diam.....	\$0 15	\$1 50	\$10 00
Medium-size Bulbs, 1½ to 1¾-in. diam.....	25	2 25	17 00
Mammoth Bulbs, 1¾ to 2-in. diam.....	40	4 00	30 00
Monster Bulbs, 2 to 2½-in. diam.....	60	6 00	45 00

#### Spotted Calla

Ready in October

Flowers white. Foliage green, spotted white. 35c. each; doz., \$3.50; \$25.00 per 100.

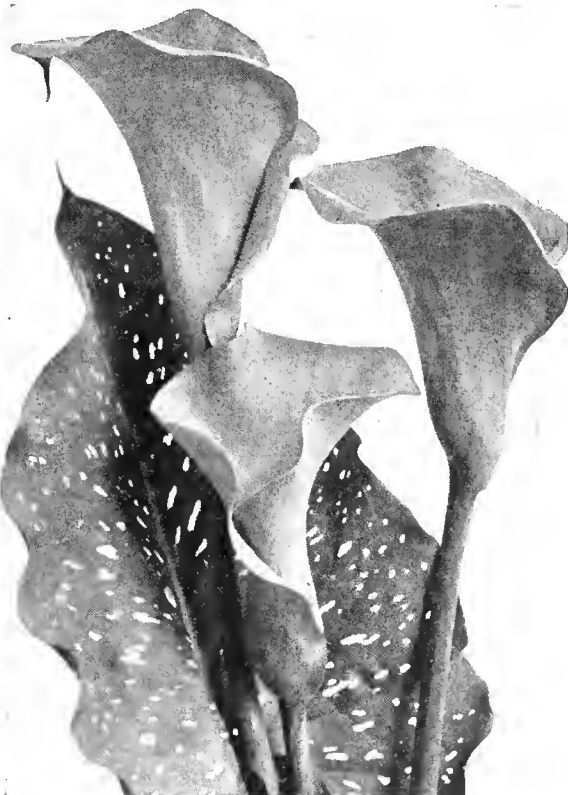
#### Yellow Calla (Elliottiana)

Ready in October

The rich golden yellow flowers are large and massive and produced in abundance. Foliage green, spotted white. Very attractive. Color illustration on insert.

	Each	Doz.	100
Mammoth Bulbs.....	\$0 30	\$3 00	\$22 50
Monster Bulbs.....	50	5 00	37 50
Jumbo Bulbs.....	75	8 00	60 00

SEE PAGE 7 FOR  
MICHELL'S BULBS  
FOR ROCK-GARDENS



Yellow Calla Lilies



# Large and liberal use of Crocuses is the best spring tonic

## CALOCHORTUS

Mariposa Tulip; Butterfly Tulip

**Mixed Colors.** Our mixture comprises all the pleasing shades of pink, rose, white, lavender, and primrose. Excellent for the rock-garden. Height, about 1½ ft. 85c. per doz.; per 100, \$6.00 (by Parcel Post, \$6.15).

## CHIONODOXA

Glory-of-the-Snow

One of the first flowers to appear in the spring. Used for edging, for planting in masses, or in the rock-garden. Color illustration on insert.

If wanted by Parcel Post, add 15c. per 100 for postage

**Luciliae.** Bright blue with white center. 35c. per doz.; per 100, \$2.50; \$22.50 per 1000.

**Sardensis.** Very deep blue with white center. 40c. per doz.; per 100, \$2.75; \$25.00 per 1000.

## CROCUS

Color illustration on insert

One of the earliest flowers to bloom in spring. Most effective for borders or beds, also for planting in clumps among shrubbery and for the rock-garden. In lawns, planted in the grass, the Crocus are extremely attractive. An effective method of planting is to scatter them over the lawn by digging up a small piece of sod here and there and placing one or two bulbs in each spot. This gives a very pretty effect. The Giant-flowering varieties are also fine for flowering in pots, but too severe forcing must not be attempted. Height, 6 in.

If wanted by Parcel Post, add 15c. per 100 for postage

### Giant Named Crocus

The bulbs of these varieties are very large and each is capable of producing several flowers of large size.

**Agnes.** New. Large, pale china-blue flowers with white edges. 40c. per doz.; per 100, \$2.75; \$22.50 per 1000.

**Baron von Brunow.** Deep blue. 40c. per doz.; per 100, \$2.75; \$22.50 per 1000.

**Cloth of Gold.** Rich yellow, brown veins. 40c. per doz.; per 100, \$2.75; \$22.50 per 1000.

**King of the Blues.** Purple. 40c. per doz.; per 100, \$2.75; \$22.50 per 1000.



Crocus

## GIANT NAMED CROCUS, continued

**L'Innocence.** New. Stem and flower are pure white; giant blooms. 40c. per doz.; per 100, \$2.75; \$22.50 per 1000.

**Purpurea Grandiflora.** Rich purple. 40c. per doz.; per 100, \$2.75; \$25.00 per 1000.

**Striped Beauty.** New. An extra-large white flower, evenly striped dark mauve. 40c. per doz.; per 100, \$2.75; \$22.50 per 1000.

**Giant Named, Mixed.** 35c. per doz.; per 100, \$2.50; \$22.50 per 1000.

### Mixed Crocus in Separate Colors

Our bulbs of mixed Crocus are all of the largest size and should not be confounded with the cheap mixtures which are frequently offered.

	Doz.	100	1000
<b>Yellow</b> .....	\$0 30	\$2 25	\$20 00
Mammoth Bulbs.....	40	2 75	25 00
Giant Bulbs.....	45	3 25	30 00
<b>Mixed.</b> An assortment of choice varieties, well blended.....	25	1 75	15 00

### Autumn-flowering Crocus

**Colchicum autumnale.** Autumn-flowering bulbs, producing lavender-colored flowers. Can be grown in partial shade and are excellent among low-growing plants and fine for the rockery. Will also bloom without soil or water by placing in the sun in a dish or saucer. Height, 8 to 10 in. 35c. each; doz., \$4.00 (by Parcel Post, \$4.15); \$30.00 per 1000.

**Crocus sativus.** Purple-lilac flowers feathered violet; orange anthers. 50c. per doz.; per 100, \$3.50.

**Crocus zonatus.** Rose-lilac, yellow center. 50c. per doz.; per 100, \$3.50.

## EREMURUS

Foxtail Lily; Giant Asphodel

A rare bulbous plant that is very hardy. The flower-stalks, rising from a tuft of long, narrow leaves, are crowned by a flower-spike 2 to 3 feet long, closely set with star-like, bell-shaped flowers. On account of their height, we recommend these for the rear of the hardy border. Delivery Sept., Oct.

**Bungei.** Citron-yellow flowers on spikes 5 to 6 feet high. July. \$1.50 each; doz., \$16.50.

**Elwesianus.** Soft pink flowers on spikes 10 to 12 feet high. June. \$3.00 each; doz., \$33.00.

**Himalaicus.** Waxy white flowers with golden anthers. Height, 6 to 8 ft. June. \$2.50 each; doz., \$25.00.

**Him-rob.** Pale silvery pink flowers. Height, 8 to 10 ft. June. \$3.00 each; doz., \$33.00.

**Robustus.** Rosy pink. Height, 10 ft. June. \$3.00 each; doz., \$33.00.

**Shelford.** Coppery yellow or orange. Height, 7 to 8 ft. June. \$2.50 each; doz., \$25.00.

## ERYTHRONIUM

Dog's-tooth Violet

Color illustration on insert

**Denscanis.** Charming woodland plants, also effective in the rock-garden. Lily-like flowers in shades of white, pink, creamy yellow, and rose. Richly mottled leaves. Height, 8 in. 80c. per doz.; per 100, \$6.00 (by Parcel Post, \$6.15); \$55.00 per 1000.

## FRITILLARIA IMPERIALIS

Crown Imperial

A majestic plant, producing, early in spring, stout stems 3 to 4 feet long with a crown-like cluster of gorgeously colored bell-shaped flowers at the top. Ideal for planting in hardy borders.

**Mixed Colors.** 40c. each; doz., \$4.50 (by Parcel Post, \$4.65); \$32.50 per 100.



Eremurus

## FRITILLARIA MELEAGRIS

Guinea-Hen Flower; Checker Lily

Dwarf, spring-flowering plants with large, pendent, bell-shaped flowers. Excellent for pot-culture and valuable for large groups in the garden border, also for the rock-garden.

**Very Fine Mixed.** 40c. per doz. (by Parcel Post, 55c.); per 100, \$3.00; \$25.00 per 1000.

## BABY GLADIOLUS

For Forcing

An extremely popular flower of marvelous grace and beauty. Wonderful for forcing.

	Soft Doz.	100	1000
<b>Peach Blossom.</b> Soft pink.....	\$0 80	\$5 50	\$50 00
<b>Rubra.</b> Red.....	80	5 50	50 00
<b>Spitfire.</b> Deep reddish salmon.....	80	5 50	50 00
<b>The Bride.</b> Pure white.....	80	5 50	50 00

If Gladiolus Bulbs are wanted by Parcel Post, add 25c. per 100 for postage

## GLOXINIAS

Ready in January

A gorgeous plant for either the conservatory or garden. They prefer a moist soil and a shady situation. Bulbs may be started as early as January, but should not be set outdoors until after May 15. We offer extra-fine, large bulbs.

If wanted by Parcel Post, add 25c. per 100 for postage

**Emperor Frederick.** Monster red flowers, striped white.

**Emperor William.** Purple, striped white.  
**Purple** **Tigred and Spotted**  
**Rose** **Choice Mixed Colors**  
**White**

Price, 35c. each; doz., \$4.00; \$30.00 per 100

Crocuses, Chionodoxas and Scillas planted as edgings for beds or borders, naturalized under trees or in rock-gardens, produce a gay effect

Parcel Post charges where named are for shipment to the first and second zones; for other zones, please see Parcel Post table on page 1

# Delightful surprises are hidden among the Bulbs in this section

## FREESIAS

### Judy (Elder's)

#### New Introduction

Wonderful, double, golden yellow Freesia, suggestive of the well-known Sulphur Phoenix Narcissus. A large-flowering type and excellent for forcing. Supply is limited. \$1.50 per doz.; per 100, \$10.00.

### Elder's Double White

#### New Introduction

This splendid novelty is a glistening white with very tall stems. The flowers are quite large and very similar to a gardenia. Excellent for forcing. Supply is limited. \$1.50 per doz.; per 100, \$10.00.

### Red Riding Hood

A new and distinct color in Freesias—blood-red. It is of upright growth, with rigid stems. Each bulb produces from 3 to 4 laterals.

	Doz.	100
Selected Bulbs.....	\$0 90	\$6 50
Mammoth Bulbs.....	1 15	8 00

### Michell's Purity (Super-Flora)

Our strain is the true improved type, producing large, glistening, pure white flowers on long stems.

	Doz.	100	1000
Mammoth Bulbs.....	\$0 50	\$3 00	\$25 00
Monster Bulbs.....	65	4 00	35 00
Jumbo Bulbs.....	75	5 50	50 00

### Elder's Giant White

#### Plant Patent No. 17

The largest and best white Freesia commercially offered to date. Giant pure white blooms on very long stems. Excellent for blooming during late February or early March.

	Doz.	100	1000
Mammoth Bulbs.....	\$0 70	\$4 50	\$40 00
Monster Bulbs.....	1 25	8 00	75 00
Jumbo Bulbs.....	1 40	10 00	90 00



Freesias

## Colored Freesias

The colored Freesias have become very popular on account of their unique tints and shadings.

**Apotheose.** Enormous, waxy, thick-petaled flowers of a gorgeous pink, tinted lavender.

	Doz.	100
Mammoth Bulbs.....	\$0 75	\$5 00
Monster Bulbs.....	1 00	7 50

**Blue Bird.** Deep delphinium-blue with light center. Large, open flowers on long stems.

	Doz.	100	1000
Selected Bulbs.....	\$0 60	\$4 00	\$35 00
Mammoth Bulbs.....	75	5 00	45 00

**California.** Bright golden yellow.

	Doz.	100	1000
Selected Bulbs.....	\$0 50	\$3 00	\$25 00
Mammoth Bulbs.....	60	3 50	30 00

**Golden Daffodil.** Golden yellow with bright orange blotch on lower lip.

	Doz.	100	1000
Mammoth Bulbs.....	\$0 50	\$3 00	\$25 00
Monster Bulbs.....	65	4 00	35 00
Jumbo Bulbs.....	75	5 50	50 00

**Marie Louise Fischer.** An excellent variety with rich lavender-blue flowers.

	Doz.	100	1000
Mammoth Bulbs.....	\$0 60	\$4 00	\$35 00
Monster Bulbs.....	75	5 00	45 00

**Maryon.** Plant Patent No. 32. Often called the "Blue Freesia." Flowers violet-mauve, the nearest approach to blue, 2½ inches across, on tall stems.

	Doz.	100
Mammoth Bulbs.....	\$2 00	\$15 00

**Mia Marvin.** A gigantic canary-yellow with heavy blotch of deep orange on lower lip. Large sprays on long, wiry stems.

	Doz.	100	1000
Selected Bulbs.....	\$0 75	\$5 50	\$50 00
Mammoth Bulbs.....	1 00	7 00	65 00

**Miss Blanche Blue.** Plant Patent No. 98. A new variety, with deep bluish lavender flowers of extra-large size.

	Doz.	100	1000
Selected Bulbs.....	\$0 60	\$4 00	\$35 00
Mammoth Bulbs.....	75	5 00	45 00

**Mrs. Marc Peters.** Deep rosy salmon, blotched golden yellow. Early.

	Doz.	100	1000
Selected Bulbs.....	\$0 50	\$3 50	\$30 00
Mammoth Bulbs.....	65	4 50	40 00

**Pink Beauty.** Giant rose-pink, broad-petaled, open flowers. The best pink to date.

	Doz.	100	1000
Selected Bulbs.....	\$0 50	\$3 50	\$30 00
Mammoth Bulbs.....	65	4 50	40 00

**Splendens (Improved).** Lavender.

	Doz.	100	1000
Selected Bulbs.....	\$0 50	\$3 50	\$30 00
Mammoth Bulbs.....	60	4 00	35 00

**Sunset.** A new color in Freesias, being a flame-orange.

	Doz.	100	1000
Selected Bulbs.....	\$0 60	\$4 00	\$35 00
Mammoth Bulbs.....	65	4 50	40 00

**Rainbow Mixture.**

	Doz.	100	1000
Selected Bulbs.....	40	2 75	22 50
Mammoth Bulbs.....	50	3 25	27 50

## GRAPE HYACINTHS

### Muscari

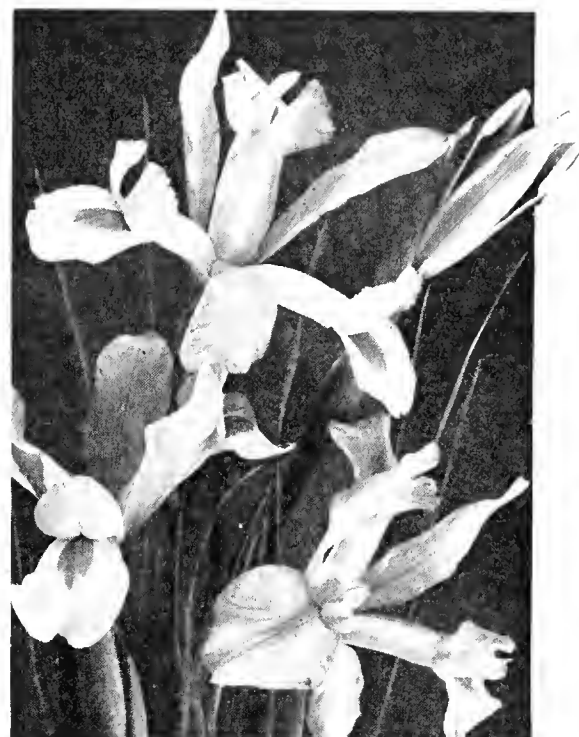
Beautiful early spring-flowering bulbs for planting in masses or in the rock-garden, in either shade or sun. Once planted they multiply rapidly and send up flower-spikes by the score each year. Also adapted for growing indoors. Perfectly hardy. Height, 6 to 8 in.

If wanted by Parcel Post, add 15c. per 100 for postage

**Botryoides album.** White. 40c. per doz.; per 100, \$3.00; \$25.00 per 1000.

**Botryoides, Heavenly Blue.** Sky-blue. 40c. per doz.; per 100, \$3.00; \$25.00 per 1000.

**Dark Blue.** 50c. per doz.; per 100, \$3.50; \$30.00 per 1000.



Dutch Iris

## DUTCH or HOLLAND IRIS

### Iris Xiphium hybridum

This new strain is much more vigorous in habit and growth than the Spanish Iris, which it resembles, and it flowers two weeks earlier when grown outside. The blooms are very large and are invaluable as cut-flowers. When forced under glass will bloom in late February and early March.

If Iris is wanted by Parcel Post, add 15c. per 100 for postage

**A. Bloemard.** Dark purplish blue; falls lighter blue. Very large flower. Early. \$1.00 per doz.; per 100, \$7.00.

**Adrian Backer.** A fine purplish lilac flower of good substance. \$1.15 per doz.; per 100, \$8.00.

**D. Haring.** Grayish white, tinted lilac; falls pure white. Large flower. Early. 90c. per doz.; per 100, \$6.00.

**Leonardo da Vinci.** A very large flower with standards creamy white and falls canary-yellow with orange stripe. Early. 90c. per doz.; per 100, \$6.00.

**Poggenbeeck.** A great improvement on Imperator. Dark blue. Very early. 90c. per doz.; per 100, \$6.00.

**Theresa Schwartz.** Standards pale cornflower-blue; falls pure white, with very narrow orange stripe. Excellent cut-flower. \$1.00 per doz.; per 100, \$7.00.

**White Excelsior.** Immense flowers of purest white. A fine cut-flower. Very early. \$1.00 per doz.; per 100, \$7.00.

**Yellow Queen.** Standards and falls golden yellow. Thin, wiry stems. Excellent for forcing and an outstanding variety for the garden. 90c. per doz.; per 100, \$6.00.

## SPANISH IRIS (Iris hispanica)

These are extremely early and produce graceful, slender stems and fragrant, orchid-like flowers. They are hardy outdoors, requiring only a slight mulch. Excellent for forcing in boxes or pans.

**Cajanus.** Canary-yellow, with orange blotch on falls. 90c. per doz.; per 100, \$6.00.

**King of the Blues.** Deep purplish blue, shading lighter. 80c. per doz.; per 100, \$5.50.

**King of Whites.** Pure white. Very fine. 80c. per doz.; per 100, \$5.50.

Parcel Post charges where named are for shipment to the first and second zones; for other zones, please see Parcel Post table on page 1

## IRIS FILIFOLIA

**Imperator.** Clear deep blue. Universally popular as a greenhouse forcing variety, producing large, elegant flowers. Large bulbs, \$1.10 per doz.; per 100, \$8.00.

## IRIS TINGITANA

**Wedgwood.** A very free-blooming variety, producing enormous deep blue flowers on long, strong stems. It is very early, in fact, one of the first of all Iris to bloom when forced under glass. Large bulbs, \$1.75 per doz.; per 100, \$12.50.

## IXIAS

A charming little stove and conservatory bulb, but may also be planted outdoors if put in a protected position in well-drained soil, with plenty of covering during the winter.

**Scarlet.** 40c. per doz.; per 100, \$3.00 (by Parcel Post, \$3.15); \$25.00 per 1000.

**Extra-Fine Mixture.** 35c. per doz.; per 100, \$2.50 (by Parcel Post, \$2.65); \$20.00 per 1000.

## LEUCOCORYNE

**Ixioides odorata.** Glory-of-the-Sun. A new introduction from Chile. Requires the same culture as freesias and blooms during February and March. Its wiry stems, 1½ to 2 feet high, carry clusters of beautiful lavender, phlox-like flowers which last from 3 to 4 weeks. The color is striking and odor faintly resembles heliotrope. 30c. each; doz., \$3.00; \$25.00 per 100.

## LEUCOJUM

**Vernum.** Spring Snowflake. Pretty bulbous plant similar to the snowdrop but larger and of stronger growth. Beautiful white flowers, tipped with green. Excellent for cutting. Fine for rock-gardens. Height, 8 to 10 in. 75c. per doz.; per 100, \$5.00 (by Parcel Post, \$5.15).

## LILY-OF-THE-VALLEY

Ready in December

These beautiful pure white flowers, principally used for winter forcing, are very fragrant and produced in abundance. For indoor culture, plant about 25 pips or roots in a 7-inch pot or pan, then place outside, where they should be left until they have been subjected to freezing for several nights, which brings them into flower more readily. When grown outdoors, always plant in a shaded place.

**Michell's Fancy Giant-flowering.** \$1.75 for 25 (by Parcel Post, \$1.85); per 100, \$6.00 (by Parcel Post, \$6.25); \$50.00 per 1000.

**Bundles.** For outdoor planting only. These bundles contain 12 good-sized pips, with good root-growth, all of which will flower with the proper care. They are especially imported from abroad, the best of the stock being selected for us. We can make shipment of these from November until May. 60c. per bundle (by Parcel Post, 70c.); doz. bundles, \$5.50 (by Parcel Post, \$5.75); \$40.00 per 100 bundles.

## Cold-Storage Lily-of-the-Valley

Ready for Delivery Now

Our cold-storage Lily-of-the-Valley pips are of high-grade quality, and, planted at intervals in either soil, peat, or bulb fibre, and given a gentle heat and plenty of water, an abundance of these fragrant flowers may be had all through the winter and early spring. Will bloom in three weeks after planting.

**Michell's Superb Exhibition.** \$1.25 per doz.; for 25, \$2.25; \$8.00 per 100; for 250, \$17.50; \$34.00 for 500; per 1000, \$65.00.

## ORNITHOGALUM

**Arabicum.** Star of Bethlehem. An attractive flowering bulb for indoor or outdoor culture. Petals pure white, streaked light green with a black center, very fragrant and especially desirable for planting in woodlands for naturalizing. For indoor culture treat like Hyacinths. Height, 2 ft. 10c. each; doz., \$1.00 (by Parcel Post, \$1.15); \$7.00 per 100.

**Aureum Hybrids.** Orange-red to bright yellow blooms, with marvelous keeping qualities. An excellent pot-plant. 30c. each; doz., \$3.00 (by Parcel Post, \$3.15); \$22.50 per 100.

**Splendens.** Red Star. Large orange-red flowers. Stems 1½ to 2 feet long. A magnificent species. 25c. each; per doz., \$2.50 (by Parcel Post, \$2.65); \$20.00 per 100.

## OXALIS

For conservatory, greenhouse, and window-garden culture, the Oxalis is ideal. Should be given a well-drained pot or pan of rich, loamy soil and potted any time from September to December, the earlier the better. They may be started into growth as soon as potted by placing in a sunny situation and a temperature of from 55 to 60 degrees, water being given as required. Plant 4 to 6 bulbs in a pot or hanging-basket.

	Doz.	100	By P.P.	100
<b>Grand Duchess.</b>				
<b>Lavender</b> .....	\$0 50	\$3 00	\$3 10	
<b>Pink</b> .....	50	3 00	3 10	
<b>White</b> .....	50	3 00	3 10	
<b>Yellow</b> .....	50	3 00	3 10	
<b>Bermuda Buttercup.</b>				
Mammoth.....	55	3 50	3 60	
<b>Hirta.</b> Beautiful pink....	65	4 50	4 60	

## RANUNCULUS • Buttercup

An attractive flower resembling a giant double Buttercup or double poppy. Easily grown in pots for winter blooming or in coldframes for spring. Height, 12 to 15 in.

**Michell's New Giant Strain.** This is the last word in Ranunculus. It has been developed by careful selection of the finest flowers from all the latest improved strains and is a balanced blend of all colors. The huge flowers run mostly to the full double form. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.

**Palafior Strain, Choice Mixed.** A new strain that produces flowers twice as large as the other types now being offered. Beautiful range of colors (with practically no white among them) such as subtle shades and pastel colorings of pinks and yellows, as well as others heretofore never produced. Choice bulbs, 70c. per doz.; per 100, \$4.50; \$40.00 per 1000.

**Giant Yellow.** A new strain containing a full range of yellow shades. Blooms large and very fine. 70c. per doz.; per 100, \$4.50 (by Parcel Post, \$4.65); \$40.00 per 1000.

**Giant Fringed, Mixed.** 50c. per doz.; per 100, \$3.50 (by Parcel Post, \$3.65); \$30.00 per 1000.

## SCILLAS

Squills; Wood Hyacinths; Blue Bells, etc.

Excellent for planting around beds of tulips, hyacinths, or daffodils, in the rockery, or among shrubbery in the herbaceous border. They also do well if planted indoors in pots or pans. The Campanulata type grows about 15 inches high; the Sibirica, 3 to 4 inches.

**Campanulata alba.** White. 50c. per doz.; per 100, \$3.50 (by Parcel Post, \$3.65); \$30.00 per 1000.

**Campanulata rosea.** Pink. 50c. per doz.; per 100, \$3.50 (by Parcel Post, \$3.65); \$30.00 per 1000.

**Sibirica.** Blue. First-size bulbs. 40c. per doz.; per 100, \$3.00 (by Parcel Post, \$3.15); \$25.00 per 1000.

**Sibirica.** Mammoth bulbs. 50c. per doz.; per 100, \$3.50 (by Parcel Post, \$3.65); \$30.00 per 1000.

**Sibirica, Spring Beauty.** A new variety and a great improvement. Produces large bulbs and bears a complete bouquet of intense blue flowers. Blooms earlier than the ordinary *S. sibirica*, and grows twice as tall. Color illustration on insert. 75c. per doz.; per 100, \$5.50.



Spiraea (Astilbe)

## SNOWDROPS • Galanthus

One of the earliest bulbs to bloom in the spring. Thrives in both sun and shade and in almost any situation or soil. Excellent for banks, edgings, or the rockery. Perfectly hardy. Height, 6 to 8 in. Color illustration on insert.

**Double.** Pure white. 55c. per doz.; per 100, \$4.00 (by Parcel Post, \$4.15); \$35.00 per 1000.

**Single.** Pure white. 40c. per doz.; per 100, \$3.00 (by Parcel Post, \$3.15); \$25.00 per 1000.

## SPIRAEA • Astilbe

Ready in December

This is a favorite Easter plant, rivaling the lily. If wanted for indoor blooming, pot the roots on arrival, water well and place outdoors for about 6 to 8 weeks. They may then be brought in and placed in a moderately warm room, the cooler, without freezing, however, the better. They can be made to flower almost any time by putting in a warmer place.

**America.** A beautiful lilac-rose variety having the same habit, large feathery panicles and forcing qualities as Gladstone. 75c. each; doz., \$8.00; \$55.00 per 100.

**Deutschland.** Purest white. Strong grower and good forcer. 75c. each; doz., \$8.00; \$55.00 per 100.

**Gladstone.** A very popular variety. Immense trusses of snow-white flowers, produced in great abundance. 90c. each; doz., \$9.00; \$65.00 per 100.

**Gloria Superba.** Dense, feathery plumes of a lovely brilliant dark pink color with a soft lilac shade. 75c. each; doz., \$8.00; \$55.00 per 100.

**Peach Blossom.** A very lovely shade of peach-blossom-pink. Very free-flowering variety. 75c. each; doz., \$8.00; \$55.00 per 100.

**Queen Alexandra.** Beautiful shade of pink. The plant should be shaded as it comes into bloom in order to bring the flower to full perfection. 75c. each; doz., \$8.00; \$55.00 per 100.

**Rhineland.** A very fine forcing variety. Flowers are bright crimson, shading to salmon. 75c. each; doz., \$8.00; \$55.00 per 100.

## TRITONIA CROCATA

**Prince of Orange.** A fine pot-plant, having the same characteristics as the freesia. Excellent for cutting, remaining in good condition for several days. Flowers orange-scarlet or flamed with transparent petals. Height, 12 to 15 in. 60c. per doz.; per 100, \$4.00 (by Parcel Post, \$4.15).



# Michell's "Distinctive" Flower Seeds

## FOR AUTUMN AND EARLY WINTER SOWING

The Perennial Flower Seeds listed in the following pages, if sown in the fall in a coldframe or a protected corner of the garden, will produce plants that will give excellent results the next season. Varieties marked \* are especially suited for rock-gardens.

FOR COMPLETE LIST OF FLOWER SEEDS, SEE OUR GENERAL CATALOG

### SPECIAL COLLECTION—HARDY PERENNIALS

One pkt. each of the following 13 choice varieties for \$1.00

Aquilegia	Coreopsis	Digitalis	Hollyhock
Campanula	Delphinium	Gaillardia	Lupins
Centaurea	Dianthus	Gypsophila	Sweet William
Chrysanthemum			

#### Acanthus

**Latifolius.** Stately, hardy perennial foliage plant with large, decorative leaves. 3 ft. July, Aug. Pkt., 10c.; 25c. per large pkt.

#### Achillea • Milfoil; Yarrow

**Millefolium rubrum.** Bright magenta-red. Perennial. 3 ft. Pkt., 10c.; 50c. per large pkt.

**Ptarmica, The Pearl.** Tall, erect, hardy perennial plants. Pure white, double flowers. 2½ ft. Pkt., 10c.; 75c. per large pkt.

#### Aconitum

##### Monkshood; Helmet Flower

Hardy perennial, thriving best in semi-shady situations. 3 ft. Aug., Sept.

**Fischeri.** Compact habit. Bright blue flowers. Pkt., 15c.; 75c. per large pkt.

**Napellus.** Long spikes of blue flowers. Pkt., 10c.; 50c. per large pkt.

**Wilsoni.** Rich blue flowers. 6 to 7 ft. Pkt., 15c.; 75c. per large pkt.

#### Adonis

**\*Vernalis.** Finely cut foliage. Bright yellow flowers. Perennial. 1 ft. Pkt., 10c.; 60c. per large pkt.

#### Agathaea

**Celestis.** Blue Daisy; Marguerite. Greenhouse perennial with beautiful blue flowers. 3 ft. Pkt., 10c.; 40c. per large pkt.

#### Agrostemma

##### Rose of Heaven; Mullein Pink

**Coronaria.** Silvery foliage and crimson flowers. Hardy perennial. 2½ to 3 ft. June-Aug. Pkt., 10c.; 25c. per large pkt.

#### Alyssum

**Saxatile compactum.** Basket of Gold. Golden yellow flowers. Hardy perennial. 1 ft. Pkt., 10c.; 30c. per large pkt.; oz., \$1.25.

**\*Saxatile compactum, Silver Queen.** Pale primrose-yellow. Pkt., 15c.; 40c. per large pkt.; oz., \$1.25.

#### Ampelopsis • Boston or Japanese Ivy

**Veitchi.** A hardy perennial climber with olive-green leaves, which turn to scarlet in the autumn. Pkt., 10c.; 25c. per large pkt.; oz., 40c.

#### Anchusa • Sea Bugloss

**Italica, Dropmore.** A hardy perennial plant, 4 feet high, with flowers of a lovely gentian-blue. Pkt., 10c.; 25c. per large pkt.

**\*Myosotidiflora.** Small forget-me-not-blue flowers. Perennial. Fine for the rocky. 15 in. Pkt., 25c.; 75c. per large pkt.

#### Anemone • Windflower

A dainty spring-flowering perennial with cup-shaped blossoms. Fine for bouquets.

**Coronaria.** Mixed colors. 1 ft. Pkt., 10c.; 30c. per large pkt.

**\*Pulsatilla.** Pasque Flower. Violet-lilac. 1 ft. Pkt., 15c.; 75c. per large pkt.

**St. Brigid.** Poppy Anemone. Large, semi-double and double flowers in many colors. 1 ft. Pkt., 15c.; 50c. per large pkt.

#### Anthemis • Hardy Marguerite

A handsome, hardy perennial, bearing daisy-like flowers, excellent for cutting, all summer.

**\*Montana.** Pure white. 1 ft. Pkt., 10c.; 50c. per large pkt.

**Tinctoria Kelwayi.** Bright yellow. 2 ft. Pkt., 10c.; 25c. per large pkt.

#### Antirrhinum • Snapdragon

##### Special Forcing Varieties

**Afterglow.** Golden bronze. Large pkt. only, 85c.

**Bertha Baur.** (Schumann.) A new lavender or orchid color; large spikes. Large pkt. only, \$1.25.

**Captor.** Pure white; long spikes. Free bloomer. Large pkt. only, \$3.00.

**Celestial.** (Witterstaetter.) New. Early. Deep yellow. Large pkt. only, \$2.00.

**Ceylon Court.** Canary-yellow. Pkt., 25c.; 85c. per large pkt.

**Cheviot Maid Supreme.** An improvement on Cheviot Maid, deeper in color and longer stems. Large pkt. only, 85c.

**Cincinnati.** Large, fragrant, light rose-pink blooms. Large pkt. only, \$1.25.

**Coate's Yellow Perfection.** Fine, deep yellow. Medium early. Large pkt. only, 85c.

**Daybreak.** Strong, vigorous pink sort, identical in shade with Briarcliff rose. Large pkt. only, \$3.00.

**Helen.** Lovely salmon color. Large pkt. only, 85c.

**Jennie Schneider.** True pink Columbia rose color. Pkt., 25c.; 75c. per large pkt.

**Judd's Early Light Pink.** Pkt., 25c.; 85c. per large pkt.

**Lucky Strike.** The best large-flowering white to date. Stems 3 to 4 feet long. Large pkt. only, 85c.

**New Deal.** An extra-early, fragrant, rich golden bronze sort. Large pkt. only, \$1.25.

**Philadelphia Pink.** Pure pink. Pkt., 25c.; 75c. per large pkt.

**Philadelphia Pink, Original Stock.** Large pkt. only, \$1.25.

**Radiance.** A fine large-flowering rose-pink sort. Large pkt. only, \$1.25.



Anchusa myosotidiflora

#### ANTIRRHINUM, continued

**Roman Gold.** Golden yellow, suffused pink. Pkt., 25c.; \$1.00 per large pkt.

**Rose Queen.** Dark pink. Large pkt. only, 85c.

**Sun Tan.** Rose and tan color. Large pkt. only, 85c.

**Terry's Surprise.** Rich rose shaded bronze. Large pkt. only, \$1.25.

**White Prosperity.** A long-stemmed, clear white variety. Large pkt. only, \$2.00.

**White Rock.** An extra-early pure white sort. Pkt., 25c.; 75c. per large pkt.

**Yellow Cheviot Maid.** (Volz.) Finest clear yellow. Large pkt. only, \$1.25.

**Special Forcing, Mixed.** Pkt., 25c.; 75c. per large pkt.

#### \*Rock Hybrid Snapdragons

The very early-flowering plants are of dwarf, compact growth and especially adapted for growing in rock-gardens. Choice mixed colors. Pkt., 25c.; 75c. per large pkt.

#### Armeria • Sea Pink; Thrift

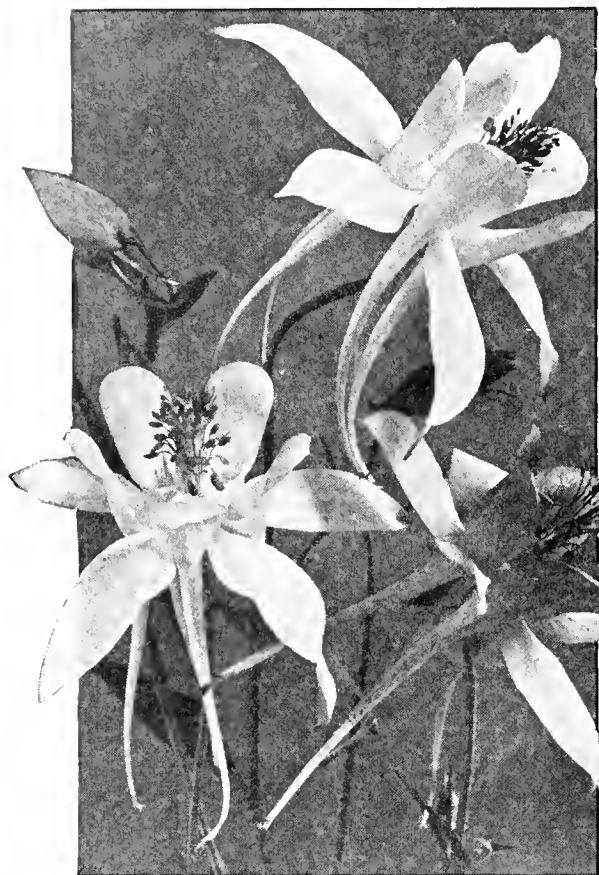
**Formosa.** A pretty hardy perennial for edgings, with deep pink flowers. 2 ft. Pkt., 10c.; 40c. per large pkt.

**Formosa, Bees' Ruby.** Deep rose. 2 ft. Pkt., 15c.; 75c. per large pkt.

**\*Lauchena.** Flowers bright rosy red. A good perennial rock-plant. 6 in. Pkt., 15c.; 60c. per large pkt.

Varieties marked \* are especially suitable for rock-gardens

## MICHELL'S "DISTINCTIVE" FLOWER SEEDS



Long-spurred Aquilegia

### Aquilegia • Columbine

These beautiful spring and early summer flowers are very effective in the herbaceous border and among shrubbery. The graceful, spurred flowers are borne on stems 2 feet above the fern-like foliage.

**\*Alpina.** Blue and white. Fine for rock-gardens. 1½ ft. Pkt., 10c.; 50c. per large pkt.

**Californica hybrida.** Mixed colors. Long spurs. Pkt., 10c.; 50c. per large pkt.

**Canadensis.** The scarlet and yellow native species. Pkt., 10c.; 60c. per large pkt.

**Chrysantha.** Golden spurred Columbine. Bright golden yellow. Pkt., 10c.; 50c. per large pkt.

**Coerulea.** Rocky Mountain Columbine. Large violet-blue and white flowers. Pkt., 10c.; 60c. per large pkt.

**Nivea grandiflora.** Beautiful, large, pure white flowers. Pkt., 10c.; 40c. per large pkt.

**Rose Queen.** Pink, white center, yellow anthers. Pkt., 15c.; 75c. per large pkt.

**Double Mixed.** All colors. Pkt., 10c.; 25c. per large pkt.; oz., 75c.

**Single Mixed.** All colors. Pkt., 10c.; 25c. per large pkt.; oz., 75c.

### Select Long-Spurred Aquilegia

An extra-fine strain, producing large flowers, varying in color through many shades.

**Blue Shades.** Pkt., 25c.; 75c. per large pkt.

**Orange and Scarlet Shades.** Pkt., 25c.; 75c. per large pkt.

**Pink and Rose Shades.** Pkt., 25c.; 75c. per large pkt.

**Snow Queen.** Pure white. Pkt., 25c.; 75c. per large pkt.

**Mrs. Scott Elliott's Select Strain.** Choice mixed. Pkt., 25c.; 85c. per large pkt.

**Hybrids.** Mixed colors. Pkt., 10c.; 60c. per large pkt.

### Arabis • Rock-Cress

**\*Alpina.** Early spring-flowering perennial especially adapted for edging and rockery. Pure white blossoms. 1 ft. April, May. Pkt., 10c.; 25c. per large pkt.

**\*Alpina rosea.** Bright rose. Very dwarf. 8 in. Pkt., 25c.; \$1.00 per large pkt.

### Asclepias • Butterfly Weed

**Tuberosa.** Showy perennial. Brilliant orange-scarlet flowers. 2 ft. Pkt., 15c.; 60c. per large pkt.

### Asperula • Woodruff

**Odorata.** A pretty hardy perennial, thriving in partial shade. Flowers white. 1 ft. May. Pkt., 10c.; 30c. per large pkt.

### Perennial Aster • Michaelmas Daisy

**Choice Mixed.** One of the showiest of our late-flowering perennial plants. Star-like, single flowers in many beautiful shades. 3 ft. Pkt., 10c.; 60c. per large pkt.

### Rock Aster

**\*Alpinus.** Purple with large yellow center. 1 ft. Pkt., 15c.; 60c. per large pkt.

**\*Alpinus albus.** White with large yellow center. Pkt., 15c.; 60c. per large pkt.

### Aubrietia • Rainbow Rock-Cress

A dwarf, spring-flowering perennial, growing about 6 inches high. Fine for rockeries.

**\*Bougainvillei.** Dark blue. Pkt., 15c.; 75c. per large pkt.

**\*Deltoides.** Lavender-blue. Pkt., 15c.; 60c. per large pkt.

**\*Leichtlini.** Rosy purple. Pkt., 15c.; 75c. per large pkt.

**\*New Large-flowering Hybrids.** Mixed. Pkt., 15c.; 75c. per large pkt.

### Auricula • Primula Auricula

**Choice Mixed.** Early spring-flowering plants for borders, pot-culture, etc. Half-hardy perennial. 6 in. May. Pkt., 10c.; 75c. per large pkt.

### Baptisia • False Indigo

**Australis.** A strong-growing perennial, 2 feet high, with spikes of dark blue, pea-shaped flowers in June and July. Pkt., 10c.; 50c. per large pkt.

### Browallia

Elegant, free-flowering plants that bloom well in the winter if lifted and cut back. 1½ ft.

**Elata coerulea.** Sky-blue flowers. Pkt., 10c.; 30c. per large pkt.

**Speciosa major.** Large flowers of brilliant ultramarine-blue. Pkt., 20c.; 75c. per large pkt.

### Calceolaria

Excellent plants for decorating the greenhouse or conservatory, producing a mass of pocket-like flowers.

**Feltham Glory.** An attractive variety of fairly dwarf, compact habit in an excellent color-range from bright scarlet to pure yellow, in self and spotted forms. Pkt., 50c.; \$1.25 per large pkt.

**Golden Tiger.** A new Multiflora Nana type. Bright golden yellow flowers, spotted brownish red, produced in masses that completely cover the plant, making it a splendid pot-plant for florists' use. Pkt., 50c.; \$1.25 per large pkt.

### CALCEOLARIA, continued

**Kelway's Perfect Model.** Originator's Stock. A very beautiful variety of the large-flowering type, containing a fine range of shades and markings, self-spotted, brownish and striped. Pkt., 50c.; \$1.25 per large pkt.

**Albert Kent Hybrids.** A fine English variety for either greenhouse or outdoor culture. Flowers medium in size and produced in large, graceful clusters in an excellent mixture. Pkt., 50c.; 85c. per large pkt.

**Hybrida grandiflora, Tall Mixed.** Large, self-colored flowers from a choice collection. 1½ ft. Pkt., 25c.; 85c. per large pkt.

**Hybrida grandiflora pumila compacta.** Of dwarf, compact growth. Immense trusses of large, self-colored and spotted flowers. 1 ft. Pkt., 25c.; 85c. per large pkt.

### Campanula Medium

#### Canterbury Bells

Showy, hardy biennial, growing about 3 feet high, with large bell-shaped flowers.

	Pkt.	Large pkt.	Oz.
<b>Single Blue.</b> .....	\$0 10	\$0 25	\$0 60
<b>Single Pink.</b> .....	10	25	60
<b>Single White.</b> .....	10	25	60
<b>Single Mixed.</b> .....	10	25	60
<b>Double Blue.</b> .....	10	40	
<b>Double Pink.</b> .....	10	40	
<b>Double White.</b> .....	10	40	
<b>Double Mixed.</b> .....	10	30	1 50

### Campanula Medium calycanthema

#### Cup-and-Saucer Canterbury Bells

These produce large, single flowers resembling a cup and saucer.

	Pkt.	Large pkt.	¼oz.
<b>Blue.</b> .....	\$0 10	\$0 50	
<b>Lilac.</b> .....	10	50	
<b>Pink.</b> .....	10	50	
<b>White.</b> .....	10	50	
<b>Mixed.</b> .....	10	40	\$0 60

### Campanula • Bellflower

#### Perennial Varieties

Well-known, hardy, herbaceous perennials, bearing a profusion of beautiful bell-shaped flowers.

**\*Carpatica.** Carpathian Harebell. Flowers clear blue. Fine for edging. 6 in. June, July. Pkt., 10c.; 30c. per large pkt.

**\*Carpatica alba.** Pure white. Pkt., 10c.; 30c. per large pkt.

**Latifolia macrantha.** Large purplish blue flowers. 2 ft. Pkt., 10c.; 50c. per large pkt.

**Persicifolia grandiflora.** Peach Bells. Spikes 4 feet tall of bell-shaped, blue flowers. Pkt., 15c.; 50c. per large pkt.

**Persicifolia grandiflora alba.** Pure white. Pkt., 15c.; 50c. per large pkt.

**Persicifolia Moerheimi.** Semi-double; pure white. 2 ft. Pkt., 25c.; 75c. per large pkt.

**Persicifolia, Telham Beauty.** Large, china-blue bells. 2½ ft. Pkt., 35c.; \$1.00 per large pkt.

**Pyramidalis, Mixed.** Pkt., 10c.; 40c. per large pkt.

### Candytuft • Iberis

**\*Gibraltarica.** Perennial. Lilac, shading to white. Pkt., 10c.; 40c. per large pkt.

**\*Sempervirens.** Dwarf, spring-flowering perennial. Flowers glistening white. 1 ft. May. Pkt., 10c.; 60c. per large pkt.

For complete list of flower seeds, see our general catalog

## MICHELL'S "DISTINCTIVE" FLOWER SEEDS

### Carnation Annual Varieties

Their richness of color and delightful fragrance make these general favorites. Desirable for greenhouse culture in winter as well as for the garden in summer.

**Rasse Teicher.** A new annual European variety with large blooms, fine for cutting. Choice mixture. Pkt., 25c.; \$1.00 per large pkt.

**Chabaud's Everblooming, Jeanne Dionis.** White. Pkt., 15c.; 60c. per large pkt.

**Chabaud's Everblooming, Marie Chabaud.** Yellow. Pkt., 15c.; 60c. per large pkt.

**Chabaud's Everblooming, Sparkler.** Cardinal-red. Pkt., 15c.; 60c. per large pkt.

**Chabaud's Everblooming, The Pearl.** Rose-pink. Pkt., 15c.; 60c. per large pkt.

**Chabaud's Everblooming, Choice Mixed.** Pkt., 15c.; 50c. per large pkt.

### Perennial Varieties

The Grenadin Carnation is a splendid, early-blooming, large-flowering type. Fine for cut-flowers.

**Grenadin, Black King.** A fine dark red. Pkt., 25c.; 60c. per large pkt.

**Grenadin, Cardinal.** Brilliant scarlet. Pkt., 25c.; 60c. per large pkt.

**Grenadin, Triumph Pink.** Pure rose-pink. Pkt., 25c.; 60c. per large pkt.

**Grenadin, White.** Snow-white. Pkt., 25c.; 60c. per large pkt.

**Grenadin, White Gold.** Soft yellow. Pkt., 25c.; 60c. per large pkt.

**Grenadin, Mixed.** Pkt., 25c.; 50c. per large pkt.

**Double Border.** Dwarf. Fine mixed. Pkt., 10c.; 50c. per large pkt.

**Early Vienna, Mixed.** Large, double flowers. Pkt., 10c.; 50c. per large pkt.

### Catananche

**Coerulea.** Perennial. Blue with dark eye. Excellent for cutting. 2½ ft. Pkt., 10c.; 50c. per large pkt.

### Centaurea cyanus

#### Cornflower; Bachelor's Button

Also known as Blue Bottle, Ragged Sailor, Bluet, etc. An old favorite garden annual, excellent for cutting. 2 ft. This type of *Centaurea* can be grown quite successfully if the seed is sown in October. Fall-sown seedlings carry over the winter and flower very much earlier than when the seed is sown in the spring.

**Double Blue.** Pkt., 10c.; 25c. per large pkt.; oz., 60c.

**Double Rose.** Pkt., 10c.; 25c. per large pkt.; oz., 60c.

**Double Rosy Red.** Pkt., 10c.; 25c. per large pkt.; oz., 60c.

**Double White.** Pkt., 10c.; 25c. per large pkt.; oz., 60c.

**Double Mixed.** Pkt., 10c.; 25c. per large pkt.; oz., 40c.

### Perennial

**Dealbata.** Bright rose colored. 1½ ft. Pkt., 10c.; 50c. per large pkt.

**Macrocephala.** Golden yellow. 3 ft. Pkt., 10c.; 40c. per large pkt.

**Montana.** Hardy Cornflower. Large, feathery blue flowers, splendid for cutting. 2 ft. Pkt., 10c.; 25c. per large pkt.

### Cerastium • Snow-in-Summer

**\*Tomentosum.** Dwarf, white-leaved edging plant. Small white flowers. Perennial. 4 in. Pkt., 10c.; 40c. per large pkt.

### Cheiranthus

**\*Allionii.** Siberian Wallflower. A biennial, but best treated as an annual. Brilliant orange flowers. Pkt., 10c.; 25c. per large pkt.

**Linifolius.** Alpine Wallflower. Compact plants, covered with lilac flowers. Pkt., 10c.; 40c. per large pkt.

### Chelone

A very showy perennial bedding plant. 2 ft. June-Aug.

**Hybrida Torreyi.** Brilliant scarlet. Pkt., 10c.; 30c. per large pkt.

**Hybrida, Mixed.** Various colors. Pkt., 10c.; 30c. per large pkt.

### Perennial Chrysanthemums

**Geisha.** Cascade Japanese Balcony Chrysanthemum. Single-flowering. Mixed colors. Pkt., 25c.; 75c. per large pkt.

**Japanese Hybrids.** Large flowers of the finest types. Pkt., 25c.; 75c. per large pkt.

**Early-flowering, Double and Semi-Double.** Mixed colors. Very showy. Excellent for cutting. 1 ft. Pkt., 25c.; 75c. per large pkt.

**King Edward VII.** Flowers extra large, pure white. Pkt., 10c.; 30c. per large pkt.

**\*Mawi.** Rich pink flowers. Silvery foliage. Ideal for borders or the rockery. 1 ft. Pkt., 25c.; 75c. per large pkt.

**Shasta Daisy, New Giant Double White.** A fine new variety. Flowers extra large; fine for cutting. Pkt., 25c.; 75c. per large pkt.

**Shasta Daisy, Alaska.** Extra-large, single, white flowers on long stems. 2 ft. Pkt., 10c.; 40c. per large pkt.

### Cineraria

Among the most ornamental plants for conservatory or house decoration. Sow seed from May to September for a succession. Our strains cannot be surpassed. Immense trusses of large flowers.

#### Cremer's Prize Strain Wilt-resistant

This new strain is the result of a cross between *C. multiflora nana*, *C. hybrida grandiflora*, and *C. stellata*. The flowers are larger than *Multiflora*. Plants compact. Large pkt. only, \$2.00.

### Multiflora

**Weissenseer (White Sea).** A new variety with flowers almost twice the size of the regular *Multiflora* strain, in a splendid range of blue, rose and white shades, with white zone centers. Pkt., 50c.; \$1.00 per large pkt.

**Grandiflora Maxima.** Flowers extra large, 2 to 3 inches across, and as many as 100 blooms and over to a plant. Mixed colors only. Pkt., 50c.; 85c. per large pkt.

#### Multiflora nana Berlin Market Strain

Very dwarf, compact plants with large flowers produced in great profusion and in a range of the best colors and shades.

**Azure-Blue.** Pkt., 50c.; 85c. per large pkt.

**Dark Blue.** Pkt., 50c.; 85c. per large pkt.

**Dark Red.** Pkt., 50c.; 85c. per large pkt.

**Rose.** Pkt., 50c.; 85c. per large pkt.

**Mixed Colors.** Pkt., 50c.; 85c. per large pkt.

### Grandiflora, Prize

**Dwarf.** Mixed colors. Pkt., 35c.; 85c. per large pkt.

**Medium Tall.** Mixed colors. Pkt., 35c.; 85c. per large pkt.

**Stellata Hybrida.** Star Cineraria. Tall, mixed. Pkt., 25c.; 75c. per large pkt.

### Clematis

**Paniculata.** Japanese Virgin's Bower. The beautiful, autumn-flowering perennial climber admired for its fragrant, white, star-shaped flowers. Pkt., 10c.; 25c. per large pkt.

### Coreopsis

One of the most popular perennials. The attractive flowers are borne in great profusion and are excellent for cutting.

**Lanceolata grandiflora.** Golden yellow. Pkt., 10c.; 25c. per large pkt.; oz., 50c.

**Lanceolata grandiflora fl.-pl.** Double-flowering *Coreopsis*. Flowers double and semi-double, fine for cutting. Pkt., 10c.; 30c. per large pkt.; oz., \$1.00.

**Mayfield Giant.** Extra-large flowers. Plants tall and of vigorous growth. Pkt., 10c.; 30c. per large pkt.; oz., \$1.00.

### Cyclamen

Beautiful winter- and spring-flowering plants for window culture and greenhouse. Not only are the flowers of striking beauty, but the foliage is also highly ornamental.

### Michell's Giant Show

Grown for us by a specialist who has received numerous first prizes for the large size and beautiful coloring of the flowers.

**Mixed.** All colors. Pkt., 40c.; \$2.00 per 100 seeds.

### English Double Daisy Bellis perennis

The *Monstrosa* varieties surpass all strains of this popular plant in strong, robust growth and in the abundance of extra-large, perfectly double flowers.

**\*Monstrosa, Etna.** Dark red. Pkt., 25c.; 75c. per large pkt.

**\*Monstrosa, Pink.** Pkt., 25c.; 60c. per large pkt.

**\*Monstrosa, White.** Pkt., 25c.; 60c. per large pkt.

**\*Monstrosa, Mixed.** Pkt., 25c.; 60c. per large pkt.

**\*Double Mixed.** Extra fine. Pkt., 10c.; 50c. per large pkt.



Perennial Chrysanthemum

Varieties marked \* are especially suitable for rock-gardens



## MICHELL'S "DISTINCTIVE" FLOWER SEEDS

### Delphinium

#### Hardy Perennial Larkspur

Among the finest hardy perennials and very effective in beds, masses, or borders. If the old flower-stems are cut off after they have faded, new shoots will produce flower-heads successively.

**English Hollyhock, Watkin Samuels' Wrexham Strain.** The finest large-flowered type to date. Immense spikes.

**Art Shades.** Pkt., 50c.; \$1.00 per large pkt.

**Deep Blue Shades.** Pkt., 50c.; \$1.00 per large pkt.

**Light Blue Shades.** Pkt., 50c.; \$1.00 per large pkt.

**Selected Mixture.** Pkt., 50c.; 75c. per large pkt.; 1/2 oz., \$1.00.

**Summer Cloud.** A fine new, pure white type, growing to the same height as the Hybrid Delphiniums. Excellent for cutting. Pkt., 25c.; 75c. per large pkt.

**Blackmore & Langdon's Imported Strain.** A selected English variety with immense spikes of very large flowers. Choice mixture. Pkt., 25c.; 75c. per large pkt.

**Belladonna.** One of the most continuous blooming varieties. Medium spikes of clear turquoise-blue. 5 ft. Pkt., 25c.; 60c. per large pkt.

**Bellamosum.** A rich, deep blue form of the popular light blue Belladonna. Pkt., 25c.; 60c. per large pkt.

**Cardinale.** Very large, brilliant scarlet flowers. 3 to 4 ft. Pkt., 25c.; 60c. per large pkt.

**Chinense grandiflorum, Blue.** A dwarf strain with loose branches and sprays of bright blue flowers. 2 ft. Pkt., 10c.; 30c. per large pkt.; oz., \$1.25.

**Chinense grandiflorum album.** Pure white flowers. Pkt., 10c.; 30c. per large pkt.; oz., \$1.25.

**Gold Medal Hybrids.** An extra-fine strain producing long spikes of large flowers in many shades of blue. Pkt., 10c.; 40c. per large pkt.; oz., \$1.50.

### Dianthus

**Sweet Wivelsfield.** An annual hybrid, the result of a cross between *D. Allwoodi* and *D. barbatus*. Produces flowers in a great variation of colors. Pkt., 15c.; 40c. per large pkt.

### Dianthus • Hardy Garden Pinks

Elegant summer-flowering border plants, producing a wealth of deliciously fragrant flowers.

**\*Allwoodi alpinus.** A perfect gem for the rock-garden, only 4 to 6 inches high. Choice colors. Pkt., 25c.; 75c. per large pkt.

**\*Plumarius, Cyclops.** Single perpetual Grass Pinks. Assorted colors with blood-red eye. Pkt., 15c.; 40c. per large pkt.

**\*Casius.** Cheddar Pink. Masses of pink flowers. Pkt., 10c.; 50c. per large pkt.

**Clove-scented.** Double and semi-double varieties in beautiful colors; fragrant. Pkt., 10c.; 50c. per large pkt.

**\*Deltoides, Brilliant.** Maiden Pink. Dwarf. Brilliant carmine. Pkt., 15c.; 50c. per large pkt.

**Double Scotch.** Choice colors. Pkt., 10c.; 50c. per large pkt.

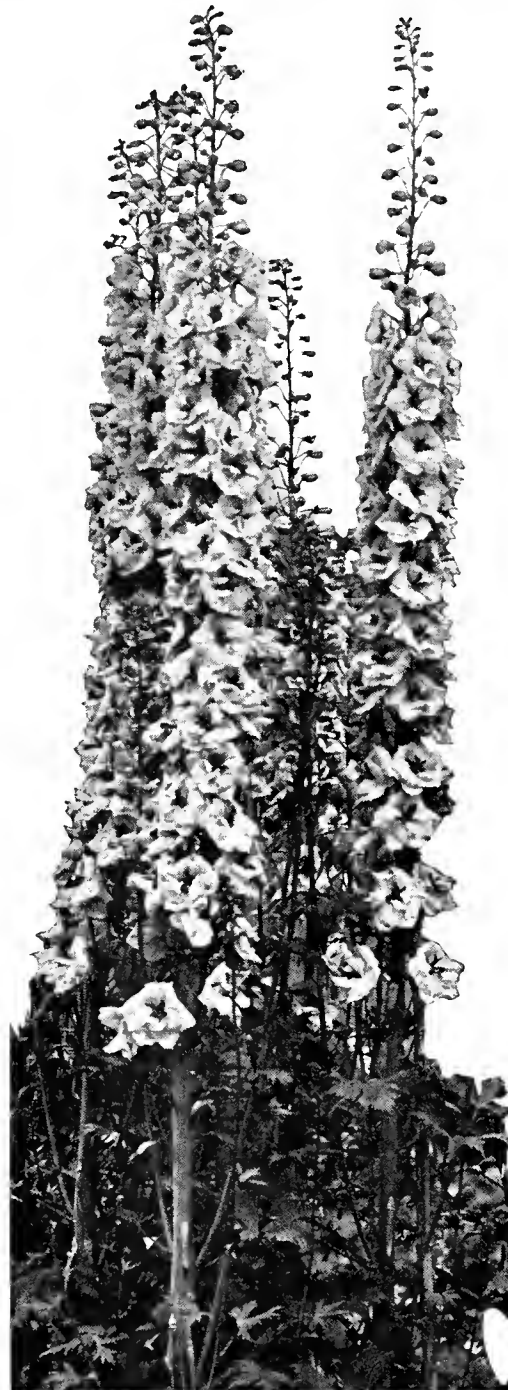
**Latifolius fl.-pl.** Everblooming Hybrid Sweet William. Velvety crimson-scarlet. Pkt., 10c.; 30c. per large pkt.

**Pheasant's Eye.** Single; fringed. Mixed. Pkt., 10c.; 25c. per large pkt.; oz., 75c.

**\*Rock-Garden Species.** A special mixture of 25 rare varieties. Pkt., 25c.; 75c. per large pkt.

### Dictamnus • Gas Plant

**Fraxinella.** Showy, bushy perennials, 2 1/2 feet high. Purplish red flowers. June, July. Pkt., 10c.; 50c. per large pkt.



Wrexham Delphiniums

### Digitalis • Foxglove

Ornamental hardy plants, succeeding almost anywhere. Long spikes of beautiful, tubular-shaped flowers. 4 to 5 ft.

**Giant Shirley, Mixed.** A splendid giant strain, growing 3 to 5 feet high, with enormous spiked flowers. Pkt., 10c.; 30c. per large pkt.

**Gloxiniæflora, Pink.** Pkt., 10c.; 30c. per large pkt.; oz., 90c.

**Gloxiniæflora, Purple.** Pkt., 10c.; 30c. per large pkt.; oz., 90c.

**Gloxiniæflora, White.** Pkt., 10c.; 30c. per large pkt.; oz., 90c.

**Gloxiniæflora, Mixed.** Pkt., 10c.; 25c. per large pkt.; oz., 75c.

**Grandiflora.** Light yellow. Pkt., 10c.; 40c. per large pkt.; oz., \$1.50.

**Monstrosa.** Mammoth spikes; various colors. Pkt., 15c.; 30c. per large pkt.; oz., \$1.25.

### Echinops • Globe Thistle

**Ritro.** Hardy perennial with thistle-like leaves and round heads of steel-blue flowers. 5 ft. Pkt., 10c.; 25c. per large pkt.

### Edelweiss • Leontopodium

**\*Alpinum.** A fine perennial rock-plant, with silvery white flowers. Pkt., 25c.; 75c. per large pkt.

### Erigeron • Fleabane

**Speciosus grandiflorus.** A summer-flowering perennial plant, with large, rosy lilac, aster-like flowers. 2 ft. Pkt., 10c.; 60c. per large pkt.

### Erinus

**\*Alpinus, Mixed.** A fine spring-blooming perennial rock-plant. Pkt., 25c.; \$1.00 per large pkt.

### Eryngium • Sea-Holly

A handsome ornamental perennial plant with round heads of flowers, which can be cut and dried for winter bouquets.

**Amethystinum.** Metallic blue flowers. 3 ft. Pkt., 15c.; 60c. per large pkt.

**Planum.** Pale blue. 4 ft. Pkt., 10c.; 25c. per large pkt.

### Eupatorium

**Fraseri.** A fine hardy perennial, thriving in almost any situation. Feathery white flowers. Excellent for cutting. 2 ft. Pkt., 10c.; 40c. per large pkt.

### Gaillardia grandiflora

#### Blanket Flower

#### Perennial Varieties

One of the most showy hardy perennials, with spikes of gorgeously colored flowers of immense size. Fine for cutting.

**Burgundy.** Bright copper-red blooms on long stems. Very free flowering. Comes 60 to 80 per cent true from seed. Pkt., 25c.; 75c. per large pkt.

**Grandiflora, Goblin.** A new, dwarf, compact variety especially suited for the rock-garden. The plants attain a height of 12 to 15 inches and are covered with large, showy, deep red flowers. Pkt., 25c.; 75c. per large pkt.

**Portola Hybrids.** Colors range through shades of bronzy red with golden tipped petals. Pkt., 15c.; 40c. per large pkt.

**Tangerine.** Giant orange flowers, overlaid with red. Pkt., 25c.; 50c. per large pkt.

**Semi-Double.** Mixed. Pkt., 10c.; 30c. per large pkt.

**Superba.** Mixed. 2 ft. Pkt., 10c.; 25c. per large pkt.; oz., 75c.

### Gentiana • Blue Gentian

**\*Acaulis.** Dwarf, hardy perennial with deep blue flowers. Suited to moist, shady situations. Pkt., 10c.; 75c. per large pkt.

### Gerbera • Transvaal Daisy

**Jamesoni hybrida.** A fine greenhouse perennial with large, fine-leaved, daisy-like flowers in a wonderful range of brilliant colors and shades. Excellent for pot-plants or cutting. Pkt., 25c.; 60c. per 100 seeds.

### Geum

Hardy perennials bearing large, double flowers all through the summer. Fine for bouquets. 1 1/2 ft.

**Atrosanguineum fl.-pl.** Dark crimson. Pkt., 10c.; 50c. per large pkt.

**Borisii.** Scarlet, with evergreen foliage. Pkt., 25c.; 75c. per large pkt.

**Lady Stratheden.** Golden yellow. Pkt., 25c.; 60c. per large pkt.

**Mrs. Bradshaw.** Brilliant scarlet. Pkt., 15c.; 60c. per large pkt.

## MICHELL'S "DISTINCTIVE" FLOWER SEEDS

### Gloxinia

**Hybrida grandiflora.** An extra-fine strain, embracing all the choicest self-colored and tigered and spotted flowers. Pkt., 25c.; 85c. per large pkt.

### Gypsophila • Baby's Breath

**Oldhamiana.** Hardy type. Bright pink, fragrant flowers. Pkt., 10c.; 50c. per large pkt.

**Paniculata.** Hardy perennial variety with white flowers in graceful sprays. Pkt., 10c.; 25c. per large pkt.; oz., 60c.

**Paniculata fl.-pl.** Double white flowers. Pkt., 20c.; 75c. per large pkt.

\***Repens.** A fine rockery plant, covered with tiny white flowers. Pkt., 10c.; 40c. per large pkt.

\***Repens rosea.** Pinkish white flowers. Pkt., 10c.; 50c. per large pkt.

### Helenium • Sneezewort

**Autumnale superbum.** Perennial. Large heads of golden yellow flowers. 3 to 5 ft. Pkt., 20c.; 75c. per large pkt.

### Helianthemum • Rock or Sun Rose

\***Mutabile.** A very pretty perennial for the rockery, covered with masses of bloom from June to July. Choice mixed varieties. Pkt., 15c.; 40c. per large pkt.

### Heliopsis • Orange Sunflower

A handsome, hardy perennial, excellent for cutting.

**Scabra zinniaeflora.** Semi-double; yellow. 3 ft. Pkt., 10c.; 40c. per large pkt.

**Soleil d'Or.** Double; golden yellow. 5 ft. Pkt., 10c.; 30c. per large pkt.

### Helleborus

**Niger.** Christmas Rose. Perennial. Seed germinates slowly. 15 in. Pkt., 10c.; 40c. per large pkt.

### Heuchera • Coral Bells; Alum-Root

A fine hardy perennial, good for cutting.

**Brizoides.** Bright rose-color. 2½ ft. Pkt., 15c.; 75c. per large pkt.

**Sanguinea.** Vivid crimson flowers. 1 ft. Pkt., 15c.; 75c. per large pkt.

### Hibiscus • Marshmallow

A very showy perennial, growing 4 feet high. Flowers often 10 to 12 inches in diameter.

	Pkt.	Large pkt.
<b>Giant Dark Red</b> .....	\$0 10	\$0 25
<b>Giant Pink</b> .....	10	25
<b>Giant White</b> .....	10	25
<b>Giant Choice Mixed</b> .....	10	25

### Hollyhock

A popular and desirable hardy perennial plant succeeding best in rich, well-drained soil. Excellent for planting among shrubbery or forming a background for other flowers. Seed sown any time before midsummer will produce fine plants for blooming the following summer. 6 to 7 ft.

**Triumph.** A fine type of branching habit, 4 to 5 feet high, and flowering 10 days earlier than the common Hollyhock. Choice mixed colors. Pkt., 25c.; 60c. per large pkt.

**Double Everblooming, Mixed.** Pkt., 10c.; 25c. per large pkt.; oz., 75c.

**Chater's Double Maroon.** Pkt., 10c.; 50c. per large pkt.; oz., \$2.00.

### HOLLYHOCK, continued

**Chater's Double Newport Pink.** Pure pink. Pkt., 10c.; 50c. per large pkt.; oz., \$2.25.

**Chater's Double Pink.** Pkt., 10c.; 50c. per large pkt.; oz., \$2.00.

**Chater's Double Red.** Pkt., 10c.; 50c. per large pkt.; oz., \$2.00.

**Chater's Double Salmon.** Pkt., 10c.; 50c. per large pkt.; oz., \$2.00.

**Chater's Double White.** Pkt., 10c.; 50c. per large pkt.; oz., \$2.00.

**Chater's Double Yellow.** Pkt., 10c.; 50c. per large pkt.; oz., \$2.00.

**Chater's Double Mixed.** Pkt., 10c.; 40c. per large pkt.; oz., \$1.50.

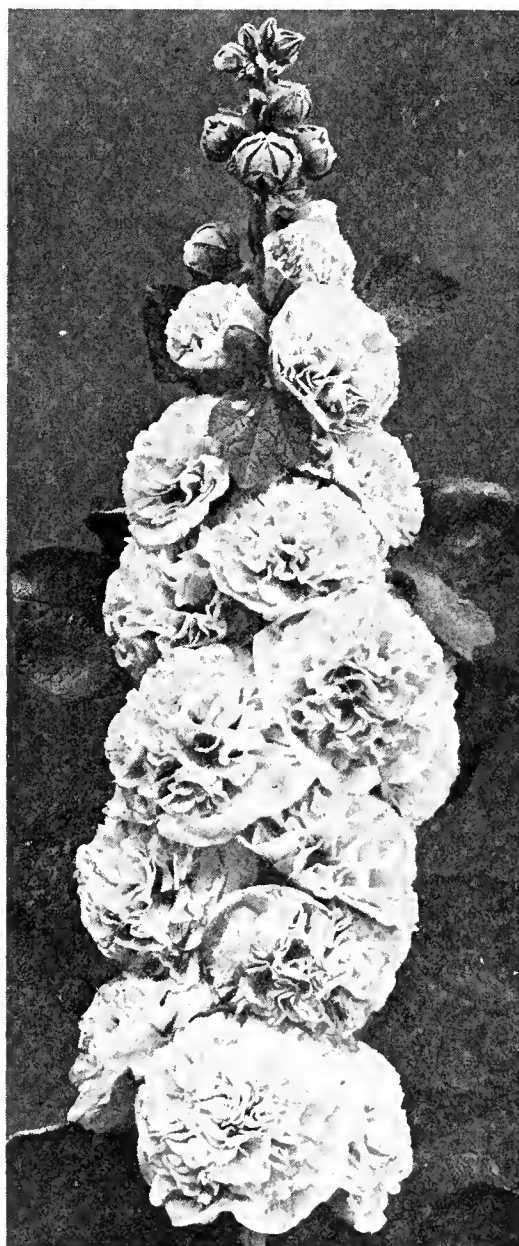
Collection: One pkt. each of 6 colors, 50c.

### Single Hollyhock

	Pkt.	Large pkt.	Oz.
<b>Mixed Colors</b> .....	\$0 10	\$0 25	\$0 75

### Honesty • Lunaria; Moonwort

**Biennis alba.** Hardy biennial admired for its silvery seed-pods. Beautiful and curious. 2 ft. Pkt., 10c.; 25c. per large pkt.



Chater's Double Hollyhock

Varieties marked \* are especially suitable for rock-gardens

### Humulus • Japanese Hop

**Japonicus variegatus.** A rapid-growing annual climber. Leaves beautifully mottled and splashed silvery white, light and dark green. Excellent for covering verandas, trellises, etc. Pkt., 10c.; 25c. per large pkt.; oz., \$1.00.

### Incarvillea

**Delavayi.** Hardy Gloxinia. A good plant for the hardy border. Showy gloxinia-like flowers. Protect over winter. Perennial. 2 ft. Pkt., 25c.; 75c. per large pkt.

### Larkspur (Annual)

The seed of this popular annual can be sown in September. The seedlings will carry quite successfully over the winter, flowering early the following season. Fern-like foliage and slender spikes with double rosette flowers; fine for cutting or garden decoration.

### Giant Imperial

This new group of Larkspurs is identical in branching habit with the Giant Imperial stock. Flowers very double. Plants of robust growth.

**Blue Bell.** Clear light blue. Pkt., 15c.; 40c. per large pkt.

**Blue Spire.** An intense deep Oxford blue. Pkt., 15c.; 40c. per large pkt.

**Carmine King.** Rich carmine. Pkt., 15c.; 40c. per large pkt.

**Exquisite Rose.** Beautiful shade of rose-pink. Pkt., 15c.; 40c. per large pkt.

**Gloria.** Fine deep rose. Pkt., 15c.; 40c. per large pkt.

**Lilac Queen.** Rich lilac, shading lavender-blue. Pkt., 15c.; 40c. per large pkt.

**Lilac Spire.** Bright lilac. Pkt., 15c.; 40c. per large pkt.

**Los Angeles.** A pleasing rich salmon overlaid with brilliant rose. Pkt., 15c.; 40c. per large pkt.

**Sweet Lavender.** Light lavender-blue. Pkt., 15c.; 40c. per large pkt.

**White King. 1937 Novelty.** All-America winner. Giant, pure white flowers on long spikes. Pkt., 25c.; 60c. per large pkt.

**White Spire.** A dazzling pure white. Pkt., 15c.; 40c. per large pkt.

**Choice Mixed.** Pkt., 15c.; 30c. per large pkt.

### Tall Double Stock-Flowered

Plants branch freely, bearing long spikes of beautiful double flowers. 2½ ft.

**Dark Blue.** Pkt., 10c.; 25c. per large pkt.; oz., 75c.

**Exquisite Pink.** An extra-fine variety. Beautiful soft pink shade. Pkt., 10c.; 25c. per large pkt.; oz., 75c.

**Lilac.** Pkt., 10c.; 25c. per large pkt.; oz., 75c.

**Lustrous Carmine.** Newport Pink. Pkt., 10c.; 25c. per large pkt.; oz., 75c.

**Shell-Pink.** Pkt., 10c.; 25c. per large pkt.; oz., 75c.

**Sky-Blue.** Pkt., 10c.; 25c. per large pkt.; oz., 75c.

**White.** Pkt., 10c.; 25c. per large pkt.; oz., 75c.

**Mixed.** All colors. Pkt., 10c.; 25c. per large pkt.; oz., 60c.

### Lathyrus latifolius

#### Everlasting or Perennial Pea

Showy, hardy perennial climber. Fine for covering walls, stumps, fences, etc. Excellent for cutting. 6 to 8 ft.

**Crimson.** Brilliant. Pkt., 10c.; 25c. per large pkt.; oz., 75c.

**Pink Beauty.** Bright rosy pink. Pkt., 10c.; 25c. per large pkt.; oz., 75c.

**White.** Pkt., 10c.; 25c. per large pkt.; oz., 75c.

**Choice Mixed.** All colors. Pkt., 10c.; 25c. per large pkt.; oz., 60c.

## MICHELL'S "DISTINCTIVE" FLOWER SEEDS



Lupinus polyphyllus

### Lavender • Lavandula vera

Well-known perennial, bearing long spikes of fragrant blue flowers. 1½ to 2 ft. Pkt., 10c.; 30c. per large pkt.; oz., \$1.00.

### Liatris • Blazing Star

**Pycnostachya.** A showy hardy perennial border plant, with long spikes of violet-purple flowers. 2 ft. Pkt., 15c.; 40c. per large pkt.

**Scariosa.** Flowers larger than the above, rose-purple. Pkt., 15c.; 60c. per large pkt.

### Lilium • Lily

**Philippinense formosanum, White Swan.** A new, giant, snow-white, early-flowering Lily of the Philippinense formosanum type. This strain bears larger flowers than any other type, and will flower in approximately 8 months from seed. Pkt. 25c.; \$1.00 per large pkt.

**Philippinense formosanum.** Resembles an Easter Lily. Blooms 6 to 8 months from time seed is sown. 3 ft. Pkt., 15c.; 50c. per large pkt.

**Regale (L. myriophyllum).** Perfectly hardy; also excellent for forcing. Flowers waxy white, fragrant. Pkt., 15c.; 30c. per large pkt.

### Linaria

**\*Alpina.** Purple, blotched orange. Perennial. 4 in. Pkt., 25c.; 75c. per large pkt.

**Cymbalaria.** Kenilworth Ivy. A perennial trailing plant with violet flowers. Useful for baskets, vases, pots, and rockwork. Pkt., 10c.; 50c. per large pkt.

For complete list of flower seeds, see our general catalog

### Linum • Flax

**Flavum.** Perennial yellow Flax. 2 ft. Pkt., 15c.; 60c. per large pkt.

**Perenne.** Hardy perennial variety with bright blue flowers. 1½ ft. Pkt., 10c.; 25c. per large pkt.; oz., 60c.

### Lobelia

**Cardinalis.** Cardinal Flower. Hardy perennial with tall spikes of showy cardinal-red flowers. Pkt., 10c.; 75c. per large pkt.

### Lupinus polyphyllus

#### Perennial Varieties

Graceful spikes of pea-shaped flowers. Excellent for cutting. 2 to 3 ft. May, June.

**Blue.** Pkt., 10c.; 25c. per large pkt.

**Luteus.** Yellow shades. Pkt., 15c.; 40c. per large pkt.

**Moerheimi.** Pink and white. Pkt., 15c.; 30c. per large pkt.

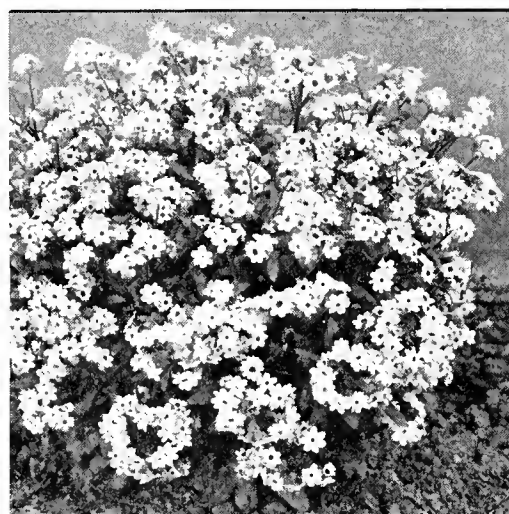
**Roseus.** Pink. Pkt., 10c.; 25c. per large pkt.

**Salmon Queen.** A beautiful variety in salmon shades. Pkt., 25c.; 50c. per large pkt.

**White.** Pkt., 10c.; 25c. per large pkt.

**Mixed.** Pkt., 10c.; 25c. per large pkt.; oz., 40c.

**New Hybrids, Mixed.** Pkt., 10c.; 30c. per large pkt.; oz., \$1.00.



Myosotis (Forget-me-not)

### Myosotis • Forget-me-not

Beautiful, half-hardy perennial, succeeding best in moist, shady situations.

**Alpestris, Victoria.** Plants of bushy habit, bearing large, bright blue flowers. Very fine. 6 in. Pkt., 10c.; 50c. per large pkt.

**Grandiflora alba.** Large white flowers. 8 in. Pkt., 10c.; 30c. per large pkt.

**Lavender Gem.** *Novelty.* An entirely new and distinct color in the popular Forget-me-not family. Lavender Gem belongs to the Alpestris section, but is of neater and more erect habit than Indigo Blue. It is admirably suited to cutting and bunching, and may be recommended for border work. The color is distinct mid-lavender, a pure tone entirely free from rose or mauve. Under glass, its flowers develop an attractive silvery sheen. Pkt. 25c.

**Grandiflora rosea.** Large pink flowers. 8 in. Pkt., 10c.; 30c. per large pkt.

**Michell's Winter-flowering.** The finest variety for forcing. Long stems; deep blue flowers. Pkt., 15c.; 60c. per large pkt.

**Palustris semperflorens.** Dwarf. Blooms the entire season. Deep blue. Pkt., 10c.; 50c. per large pkt.

**Mixed.** Pkt., 10c.; 25c. per large pkt.; oz., 75c.

### Lychnis

Elegant hardy perennials of easy culture, excellent for massing in large beds or borders.

**Arkwrighti.** Fine, free-flowering hybrids. Pkt., 10c.; 40c. per large pkt.

**Chalcedonica.** Rose Campion. Fine scarlet, cross-like flowers. 2 ft. July. Pkt., 10c.; 25c. per large pkt.; oz., 60c.

**Haageana.** Large, brilliant orange, scarlet, pink, and crimson flowers in mixture. 1 ft. July. Pkt., 10c.; 50c. per large pkt.

**\*Viscaria splendens.** Bright rose-red. 1 ft. Pkt., 10c.; 30c. per large pkt.

### Lythrum • Loosestrife

**Roseum superbum.** A fine hardy perennial, producing spikes of rosy pink flowers from July to September. 3 ft. Pkt., 10c.; 30c. per large pkt.

### Double Nasturtium Novelties

#### All-America Gold Medal Winners

**Scarlet Gleam.** (Bodger.) Flowers fiery orange-scarlet, 3 inches across, and uniformly double, with lush green foliage. Pkt., 10c.; 30c. per oz.

**Gleam Hybrids.** (Bodger.) These hybrids are a collection of gorgeously colored, large, well-formed flowers of dazzling beauty. Pkt., 10c.; 30c. per oz.

**Golden Gleam.** (Bodger.) Large, golden yellow, semi-double, sweet-scented flowers. Excellent for cutting and growing in pots. Pkt., 10c.; 25c. per oz.; ¼lb., 60c.

### Nepeta

**\*Mussini.** A favorite perennial rock-plant with blue-gray foliage and pale mauve flowers. 9 in. Pkt., 20c.; 60c. per large pkt.

### Oenothera • Evening Primrose

Beautiful hardy perennials of easy culture. Plants continue in bloom throughout the summer.

**\*Missouriensis.** A prostrate-growing variety, with large, bright yellow flowers. Pkt., 15c.; 75c. per large pkt.

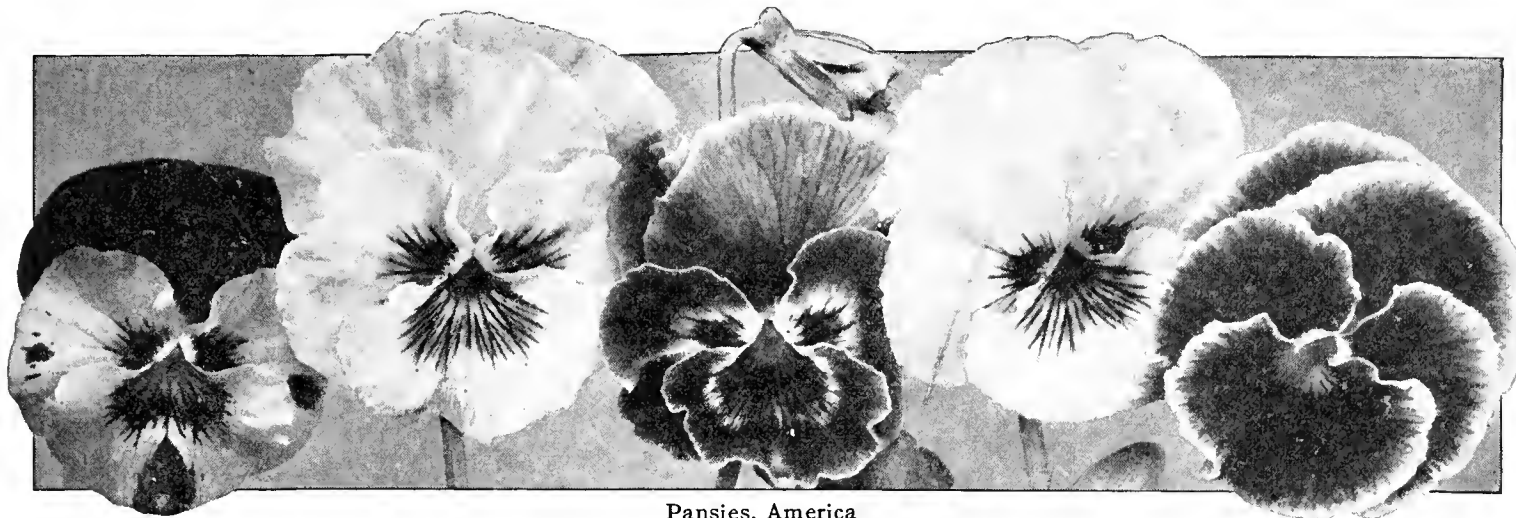
**Youngi.** Showy variety with large yellow flowers. 3 ft. Pkt., 15c.; 75c. per large pkt.



Double Gleam Nasturtiums

HENRY F. MICHELL CO.





Pansies, America

## MICHELL'S "DISTINCTIVE" FLOWER SEEDS

### Michell's Giant Pansies

Seed may be sown any time in the autumn—the earlier the better—for early blooming the following spring.

**America.** A very selected, dwarf, free-flowering strain in a fine mixture of popular shades. American-grown seed. Pkt., 50c.; \$1.25 per large pkt.

**Engelmann's Special Mixture.** A new variety and truly a Giant Pansy. Contains a great variety of colors, both light and dark, with a good percentage of bronze and red shades. Pkt., 50c.; \$1.00 per large pkt.

**Maple-Leaf Giants.** A new variety with giant flowers measuring 4 to 6 inches across, perfectly round, and in a fine mixture of colors. Pkt., 25c.; 75c. per large pkt.

**\*New Miniature, Mrs. A. H. Scott.** A dainty baby Pansy which does not grow more than 3 inches in height. The color of the flower is similar to Lord Beaconsfield—violet-purple, upper petals nearly white. Very free flowering and a fine suggestion for the rock-garden. Pkt., 25c.; 75c. per large pkt.

### Swiss Giants (Roggli)

**Alpenglow.** Cardinal-red shades with dark blotches. Pkt., 25c.; 75c. per large pkt.

**Berna.** Swiss Giants. Very rich, velvety purple-violet, of extra quality. Pkt., 25c.; 75c. per large pkt.

**Lake of Thun.** Swiss Giants. A distinct marine-blue variety, with deep blue blotches. Pkt., 25c.; 75c. per large pkt.

**Mont Blanc.** Swiss Giants. Nearly pure white, with three large blue blotches. An excellent addition to the Roggli strain. Pkt., 25c.; 75c. per large pkt.

**Rheingold.** Swiss Giants. Deep golden yellow, with black blotches on the three lower petals. Pkt., 25c.; 75c. per large pkt.

**Roggli.** Improved Swiss Giants. Flowers large, with overlapping petals in many brilliant colors and shades. Excellent for greenhouse culture. Pkt., 25c.; 75c. per large pkt.; 1/8oz. \$1.50.

**Michell's New Swiss Giants.** A new strain with enormous flowers and containing many unusual colors, such as salmon, pink, red, blue, yellow, etc., all beautifully blotched. Pkt., 50c.; \$1.25 per large pkt.

### Giant-Flowering Mixtures

**Giant Trimardeau, Mixed.** Pkt., 10c.; 40c. per large pkt.; 1/4oz., \$1.00.

**Masterpiece.** Frilled Pansy. Beautiful rich colors; petals curled or waved. Pkt. 25c.; 75c. per large pkt.

**Michell's Giant Exhibition.** Flowers of immense size, very heavy texture, and of the most brilliant colors. Pkt., 25c.; 75c. per large pkt.; 1/8oz., \$1.75; \$3.00 per 1/4oz.; oz., \$10.00.

### GIANT-FLOWERING PANSY MIXTURE continued

**Triumph of the Giants, Mixed.** Immense flowers of great brilliancy and richness of colors. Pkt., 50c.; 85c. per large pkt.; 1/8oz., \$2.00; \$3.25 per 1/4oz.; oz., \$11.00.

**Fine English, Mixed.** Pkt., 10c.; 40c. per large pkt.; oz., \$1.50.

### Giant Prize or Bedding Strain SEPARATE COLORS

A strain secured from the leading Pansy specialists and not to be compared with the ordinary Giant Trimardeau, as the flowers are of much heavier texture.

**Azure-Blue.** Light blue. Pkt., 15c.; 50c. per large pkt.; 1/4oz., \$1.00.

**Black-Blue.** Dark and velvety. Pkt., 15c.; 50c. per large pkt.; 1/4oz., \$1.00.

**Emperor William.** Ultramarine-blue. Pkt., 15c.; 50c. per large pkt.; 1/4oz., \$1.00.

**Hortensia-Red.** Scarlet. Pkt., 15c.; 50c. per large pkt.; 1/4oz., \$1.00.

**King of the Blacks.** Pkt., 15c.; 50c. per large pkt.; 1/4oz., \$1.00.

**Lord Beaconsfield.** Violet. Pkt., 15c.; 50c. per large pkt.; 1/4oz., \$1.00.

**Peacock.** Upper petals blue, lower petals deep claret, with white margin. Pkt., 15c.; 50c. per large pkt.; 1/4oz., \$1.00.

**Snow Queen.** Pure white. Pkt., 15c.; 50c. per large pkt.; 1/4oz., \$1.00.

**White,** with dark eye. Pkt., 15c.; 50c. per large pkt.; 1/4oz., \$1.00.

**Pure Yellow.** Pkt., 15c.; 50c. per large pkt.; 1/4oz., \$1.00.

**Yellow,** with dark eye. Pkt., 15c.; 50c. per large pkt.; 1/4oz., \$1.00.

**\*Mrs. P. S. du Pont.** Golden apricot with creamy tint, flushed salmon. Desirable for the rock-garden. Pkt., 25c.; 75c. per large pkt.

**SPECIAL OFFER:** We will send 6 pkts. of any of the above varieties of Giant Pansies (not including Mrs. P. S. du Pont) for 75c.; or the whole 12 pkts. for \$1.40.

### Pentstemon • Beard-Tongue

Beautiful perennial plants for the hardy border.

**Sensation.** Large spikes of gloxinia-like flowers of brilliant colors. Requires protection. 2 ft. Pkt., 15c.; 75c. per large pkt.

**New Hybrids, Mixed.** Produces large spikes of handsome flowers. 3 ft. Pkt., 10c.; 50c. per large pkt.

### Hardy Phlox

**Decussata.** Perennial plants 2 to 3 feet high. Flowers in all bright colors. Sow seeds late in fall and they will germinate in the spring. Pkt., 10c.; 60c. per large pkt.; 1/4oz., 75c.

### Physalis • Chinese Lantern Plant

**Francheti.** Dense bushes about 2 feet high. Bright, orange-scarlet, lantern-like fruits. Perennial. Pkt., 10c.; 30c. per large pkt.

### Physostegia • False Dragonhead

A very pretty hardy perennial. Its dense bushes freely bear delicate tubular flowers. 3 to 4 ft. July, Aug.

**Virginica.** Pink. Pkt., 10c.; 50c. per large pkt.

### Platycodon • Japanese Balloon Flower

One of the best hardy perennials. Large, bell-shaped flowers. Excellent for borders or among shrubbery. 2 to 3 ft.

**Grandiflorum.** Blue. Pkt., 10c.; 40c. per large pkt.

**Grandiflorum album.** Pure white. Pkt., 10c.; 40c. per large pkt.

### Polemonium • Jacob's-Ladder

A good hardy perennial with bell-shaped flowers. 2 1/2 ft.

**Coeruleum.** Blue. Pkt., 10c.; 25c. per large pkt.; oz., 75c.

### Polyanthus • Primula elatior

Beautiful spring-flowering hardy perennials, either for pot-culture or for the garden. Succeed best in partial shade. 9 in.

**Gold-laced.** Flowers of brilliant colors, with yellow edges. Pkt., 15c.; 75c. per large pkt.

**English, Mixed.** All colors. Pkt., 10c.; 60c. per large pkt.

### Poppy • Papaver

One of our favorite and most popular flowers, producing, during the blooming period, a profusion of brilliant colors and shades.

#### Annual Varieties

The following Annual Poppies can be grown quite successfully if the seed is sown in the fall. The seedlings carry over the winter and flower quite early the following spring.

#### Single Varieties

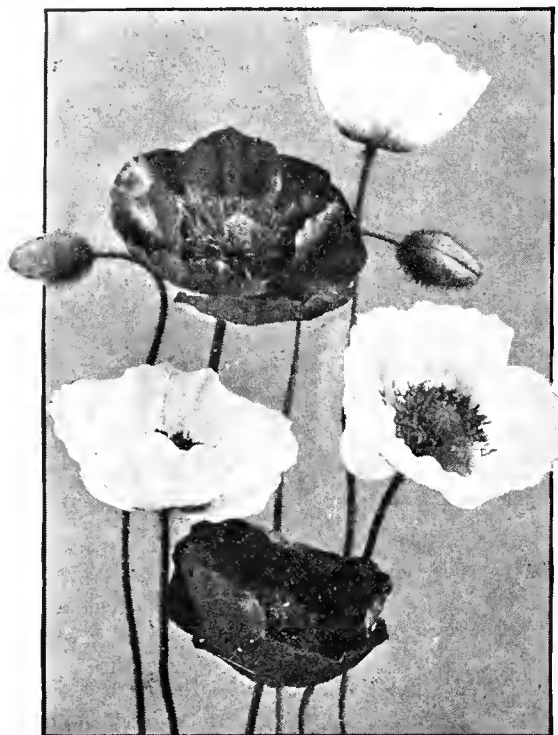
**Shirley, Wild Rose-Pink.** Beautiful rich pink, that comes almost true from seed. Pkt., 10c.; 25c. per large pkt.; oz., 75c.

**Flanders Poppy.** This is the well-known Poppy of Flanders Field. Medium-sized, bright scarlet flowers. Very showy when planted in masses. Pkt., 10c.; 25c. per large pkt.; oz., 40c.

For other varieties, see next page

Varieties marked \* are especially suitable for rock-gardens

## MICHELL'S "DISTINCTIVE" FLOWER SEEDS



Perennial Iceland Poppies

### Double Poppies

**Double Shirley, Cavalcade.** *New.* Double Begonia-flowered. Rich, brilliant orange-scarlet. A most attractive variety. Pkt., 15c.; 40c. per large pkt.

**Carnation-flowered, Mixed.** Flowers of large, globular form with fringed petals. 2 ft. Pkt., 10c.; 25c. per oz.

**Peony-flowered, Mixed.** Large, double flowers resembling a peony. Pkt., 10c.; 25c. per oz.

For Single Annual Poppies, see page 25

### Perennial Varieties

These brilliant hardy Poppies are unequalled for general effectiveness and brilliancy of display.

### Yellow Wonder

*Papaver nudicaule amurense*

1937 Novelty—All-America Winner

This new variety is undoubtedly the finest and largest flowered Iceland Poppy to date. Its bright buttercup-yellow flowers, with a lighter center, are 4 to 6 inches across and the stems are often more than 2 feet long. Fine for cutting. The plant is of robust habit and free flowering, with as many as 30 flowers open at one time. Although a perennial, it will flower from seed the first season if sown early. We predict that this Iceland Poppy will prove one of our choicest garden perennials. Pkt., 25c.; \$1.00 per large pkt.

**\*Iceland, Alpine, Mixed** (*Papaver nudicaule alpinum*). Dwarf Alpine variety. Fine for rockery. 8 in. Pkt., 25c.; 75c. per large pkt.

**Iceland, El Monte.** A California introduction. Flowers large. Mixed colors. Pkt., 25c.; 60c. per large pkt.

**Iceland, Coonara Pink Shades.** Art shades. Pkt., 25c.; 60c. per large pkt.

**Iceland, Orange-Scarlet.** Pkt., 10c.; 40c. per large pkt.

**Iceland, White.** Pkt., 10c.; 40c. per large pkt.

**Iceland, Yellow.** Pkt., 10c.; 40c. per large pkt.

**Iceland, Single, Mixed.** Pkt., 10c.; 30c. per large pkt.; 1/4 oz., 60c.

**Iceland, Sunbeam.** Fine new shades in mixture. Pkt., 15c.; 40c. per large pkt.

### PERENNIAL POPPIES, continued

**Oriental.** Extra large; deep scarlet. Pkt., 10c.; 30c. per large pkt.; 1/4 oz., 50c.

**Oriental, Mrs. Perry.** Rich salmon-pink. Pkt., 10c.; 75c. per large pkt.

**Oriental, Hybrids.** Mixed colors. Pkt., 10c.; 40c. per large pkt.; 1/4 oz., 60c.

### Primula obconica

This beautiful and continuous-blooming variety has handsome spikes of flowers. Elegant plants for greenhouse or light window of dwelling-house.

**Fasbender.** A new strain of the Gigantea type. Giant deep crimson flowers. Pkt., 50c.; \$1.25 per large pkt.

**Mueller & Mohnstein.** Shades of crimson and rose. Pkt., 50c.; \$1.25 per large pkt.

**Gigantea Monster, Mixed.** An extra large-flowering strain of this popular Primula. Pkt., 40c.; \$1.25 per large pkt.

**Grandiflora hybrida, Mixed.** Pkt., 20c.; 75c. per large pkt.

### Primula malacoides

**Dawkin's Carmine-Pink.** *Novelty.* This new variety is a rich glowing carmine-pink, quite distinct from any shade hitherto produced in *P. malacoides*. Flowers large, on wiry stems of upright and graceful habit. The constitution of the plant is very strong. Without doubt the best of all existing varieties. Pkt., 25c.; 75c. per large pkt.

**Lilac.** Improved Baby Primrose. Tall, graceful spikes of delicate lilac flowers. Pkt., 20c.; 75c. per large pkt.

**Princess Patricia.** Beautiful lavender-pink flowers, finely laced. Pkt., 25c.; 75c. per large pkt.

**Pink Beauty.** Deep rosy pink; large. Pkt., 25c.; 75c. per large pkt.

### Primula • Fringed Chinese Primrose

**Mitchell's Prize Mixture.** These are among our finest winter- and spring-blooming pot-plants for decoration in the home or conservatory. Our seed has been grown for us by Primula specialists and cannot be excelled for size and brilliancy of colors. This mixture contains only the finest sorts selected from the best strains. Pkt., 25c.; 85c. per large pkt.

### Hardy Primrose

**\*Veris, Mixed.** English Cowslip. 6 in. Pkt., 10c.; 60c. per large pkt.

**\*Veris, Giant Munstead Strain.** Beautiful shades, including yellow and white. 1 ft. Pkt., 25c.; 75c. per large pkt.

**\*Vulgaris.** English Primrose. Canary-yellow. Pkt., 10c.; 75c. per large pkt.

### Pyrethrum

Handsome hardy perennial plants for the herbaceous border. Showy flowers excellent for cutting.

**Atrosanguineum.** Dark red shades. Pkt., 25c.; 75c. per large pkt.

**Roseum.** Bright rose color. 2 ft. June. Pkt., 10c.; 60c. per large pkt.

**Uliginosum.** Giant Daisy. Large, single white flowers. 3 to 4 ft. Sept. Pkt., 10c.; 60c. per large pkt.

**Hybridum, Single, Mixed.** Large flowers ranging in color from light pink to deep red, with bright yellow centers. 2 ft. June. Pkt., 10c.; 50c. per large pkt.

**Hybridum, Double, Mixed.** Pkt., 25c.; 75c. per large pkt.

### Pueraria

**Thunbergiana.** Japanese Kudzu Vine. One of the fastest-growing hardy climbing plants, making a growth of 8 to 10 feet the first year from seed. Its large foliage covers well. Rosy purple, pea-shaped blossoms toward the end of August. Pkt., 10c.; 25c. per large pkt.

### Ranunculus

**Asiaticus superbissimus, Mixed.** A perennial plant, suitable for beds, borders, or for pots. Fine for cutting. 1 ft. Pkt., 10c.; 25c. per large pkt.

### Rudbeckia • Coneflower

**Newmanni.** Perennial. Large yellow flowers with black centers. Very showy. 3 ft. Pkt., 10c.; 40c. per large pkt.

**Purplea.** Giant Purple Coneflower. Hardy perennial. Reddish purple flower, with dark brown disc. Pkt., 10c.; 40c. per large pkt.

### Salvia, Perennial

**Azurea grandiflora.** Produces spikes of sky-blue flowers during August and September. 3 to 4 ft. Pkt., 15c.; 60c. per large pkt.

**Blue Bedder.** A new variety of *Farinacea*. Very compact form, of a deep blue shade, and flowers very profusely from seed the first year. Pkt., 25c.; 75c. per large pkt.

**Farinacea.** A perennial variety, but best treated as an annual. Light blue flowers. 2 ft. Pkt., 10c.; 50c. per large pkt.

### Saponaria • Bouncing Bet

**\*Ocymoides.** Splendid hardy perennial rock-plant. Bright rose-colored flowers. 9 in. Pkt., 10c.; 25c. per large pkt.

### Saxifraga

**\*Decipiens Hybrids, Mixed.** A charming little perennial plant, excellent for the rockery. Pkt., 25c.; \$1.00 per large pkt.

**Megasea Species.** Large, leathery leaves. Short-stemmed racemes of flowers. 1 ft. Pkt., 25c.; \$1.00 per large pkt.

### Scabiosa, Perennial

**Caucasica.** Soft blue. 3 ft. Pkt., 10c.; 60c. per large pkt.

**Caucasica, Giant Hybrids, Isaac House Strain.** A fine improvement in the *Caucasica* type. Colors range from light lavender to dark blue. Pkt., 25c.; 75c. per large pkt.

**Columbaria anthemifolia.** A low-growing variety. Flowers a delightful shade of pink. Pkt., 25c.; 60c. per large pkt.

**Japonica.** Flowers beautiful clear blue. Pkt., 10c.; 25c. per large pkt.

### Schizanthus • Butterfly Flower

One of our finest annuals useful as pot-plants for late winter and spring blooming; for this purpose sow in autumn.

**Dwarf Large-flowering, Mixed.** A compact-growing variety and very free flowering. Excellent for pots. Mixture of popular shades. Pkt., 25c.; 75c. per large pkt.

**Garraway's Hybrids.** Flowers large, with markings on a white, buff, rose, blue or purple ground. Pkt., 25c.; 60c. per large pkt.

**Hybridus grandiflorus.** Compact plants, with flowers of many shades. 1 ft. Pkt., 10c.; 30c. per large pkt.

**Wisetonensis.** Largely used as a pot-plant for the house or conservatory. Flowers range from white with yellow center to pink with brown center. Pkt., 10c.; 40c. per large pkt.

Varieties marked \* are especially suitable for rock-gardens

## MICHELL'S "DISTINCTIVE" FLOWER SEEDS

### Sedum • Stonecrop

\***Acre.** Perennial. The well-known yellow variety. Very useful in the rock-garden. Pkt., 25c.; \$1.00 per large pkt.

### Shasta Daisy

**New Giant Double White.** A fine new variety. Flowers extra large. Fine for cutting. Pkt., 25c.; 75c. per large pkt.

**Alaska.** Perennial. Pure white, extra-large flowers. Excellent for cutting. 2 ft. Pkt., 10c.; 40c. per large pkt.

### Silene • Catchfly

Attractive and profuse blooming perennial plants.

**Orientalis.** Dark rose. 2½ ft. Pkt., 10c.; 25c. per large pkt.

\***Schafta.** Rose. 8 in. Pkt., 10c.; 40c. per large pkt.

### Statice • Sea-Lavender

Free-flowering plants, valuable for cutting or decoration, either when fresh or in their dried state.

### Perennial Varieties

**Dumosa.** A new variety, growing 2½ feet high and producing dense clusters of silvery gray flowers. Pkt., 25c.; 60c. per large pkt.

**Caspia.** The most beautiful of all perennial Sea-Lavenders. Very vigorous habit, with 3-foot stems, carrying innumerable lilac flowers. Wonderful subjects for effective table decoration. Pkt., 25c.; 75c. per large pkt.

**Latifolia.** Perennial. Large, deep blue flowers. Pkt., 10c.; 40c. per large pkt.

### Sweet Rocket • Hesperis

**Mixed.** An excellent perennial with fragrant white or purple flowers. 2 to 3 ft. Pkt., 10c.; 25c. per large pkt.

## Michell's Early or Winter-Flowering Spencer Sweet Peas

The following varieties are especially adapted for forcing under glass for winter and early spring blooming. Also excellent for sowing outdoors in the southern states.

### Novelty Varieties

**Bridesmaid.** A delicate, sparkling shade of silver-pink, as vigorous and healthy and as slim and supple as the name implies. Bridesmaid bids fair to outstrip the field in popularity as a cut-flower, in a large table center arrangement. Large flowers, usually fours, on stems 14 to 16 inches long. Pkt., 25c.; 60c. per ½ oz.; oz., \$1.00.

**Eileen.** Rich begonia-rose with salmon shadings, changing under certain lights to a dazzling cerise. A brilliancy of exotic splendor never before obtained in a Sweet Pea. The flowers are large, well placed on long stems. Vigorous grower and free bloomer. Pkt., 25c.; 60c. per ½ oz.; oz., \$1.00.

**Sequoia.** An enormous rich golden cerise color, and so frilled and wavy are its wide-spread wings that unless one looks closely he mistakes a single flower for two; petals have a tinge of russet. Free flowering and a strong, vigorous grower. Pkt., 25c.; 60c. per ½ oz.; oz., \$1.00.

**Shirley Temple.** A cross between Pinkie and Lady Gay. It has inherited blooms with the size and richness of color in Pinkie, plus the dainty frilled and fluted flowers of Lady Gay. The color is softer and more beautiful than Pinkie. Pkt., 25c.; 60c. per ½ oz.; oz., \$1.00.

**Sweet Briar.** A mammoth-flowering rich rose-pink on a white ground, with a touch of amber. The harmony of this combination is rich and gorgeous. Plant is a vigorous grower with stout stems throwing colossal fours in abundance. Pkt., 25c.; 60c. per ½ oz.; oz., \$1.00.

### New Varieties of Recent Introduction

**Eleanor Blue.** Another good novelty in the new and popular Eleanor blue shade—a clear and light blue with a silver sheen. Flowers large, frilled. Pkt., 25c.; 50c. per ½ oz.; oz., 85c.

**Fragrance.** This delightfully fragrant new variety is, in our opinion, superior to all other lavenders. Color a clear lavender self. Pkt., 25c.; 50c. per ½ oz.; oz., 85c.

**Michell's Rose Wonder.** A beautiful clear rose-pink color on a light ground. Pkt., 25c.; 60c. per ½ oz.; oz., \$1.00.

**Miss Annie Laurie.** A splendid novelty in the richest tone of pure rose-pink in a Sweet Pea. Pkt., 25c.; 50c. per ½ oz.; oz., 85c.

**Sensation.** Duplex. A new early-flowering variety and exceptionally fine. The large duplex-petaled flowers give the blooms the appearance of being double. Color, clear-toned, luminous geranium-pink, which is a new shade in the early varieties. Pkt., 25c.; 60c. per ½ oz.; oz., \$1.00.

**Susanna.** Large, rich carmine flowers on long stems. Pkt., 25c.; 60c. per ½ oz.; oz., \$1.00.

### General List

**Amethyst.** An early royal purple. Pkt., 15c.; 40c. per ½ oz.; oz., 75c.

**Aviator.** Dazzling crimson-scarlet. Pkt., 15c.; 40c. per ½ oz.; oz., 75c.

**Ball's Blue.** Clear, even blue. Pkt., 15c.; 40c. per ½ oz.; oz., 75c.

**Ball's Orange.** Intense glowing orange. Pkt., 15c.; 40c. per ½ oz.; oz., 75c.

**Ball's Rose.** Rich deep rose. Pkt., 15c.; 40c. per ½ oz.; oz., 75c.

**Blue Bird.** A charming shade of blue. Pkt., 15c.; 40c. per ½ oz.; oz., 75c.

**Burpee's Orange.** Clear, glistening orange. Pkt., 15c.; 40c. per ½ oz.; oz., 75c.

**Columbia.** Salmon standard; white wings. Pkt., 15c.; 40c. per ½ oz.; oz., 75c.

**Fascination.** A wonderful early variety with salmon-rose-pink flowers. Pkt., 15c.; 40c. per ½ oz.; oz., 75c.

**Florence Michell.** An extra-fine deep blue. Pkt., 15c.; 40c. per ½ oz.; oz., 75c.

**Giant Rose.** Rich rose-pink. Pkt., 15c.; 40c. per ½ oz.; oz., 75c.

**Glitters (Early Royal Scot).** Fiery orange. Pkt., 15c.; 40c. per ½ oz.; oz., 75c.

**Grenadier.** Dazzling scarlet. Pkt., 15c.; 40c. per ½ oz.; oz., 75c.

**Harmony.** A beautiful clear lavender. Pkt., 15c.; 40c. per ½ oz.; oz., 75c.

**Hope.** The finest black-seeded, pure white to date. Flowers of mammoth size, well waved. Pkt., 25c.; 40c. per ½ oz.; oz., 75c.

**Jeanne Mamitsch.** Rose-pink. Pkt., 15c.; 40c. per ½ oz.; oz., 75c.

**Lavender King.** Rich, deep lavender. Pkt., 15c.; 40c. per ½ oz.; oz., 75c.

**Majestic Rose.** Deep, brilliant rose-pink. Pkt., 15c.; 40c. per ½ oz.; oz., 75c.

**Mrs. Herbert Hoover.** Flowers clear blue. Pkt., 15c.; 40c. per ½ oz.; oz., 75c.

**Pink Profusion.** Rich pink. Pkt., 15c.; 40c. per ½ oz.; oz., 75c.

**Rose Queen.** Flowers of large size, and usually four to a stem. Color a most attractive shade of rose-pink. Pkt., 15c.; 40c. per ½ oz.; oz., 75c.

**Snowstorm (Improved).** White; extra large. Pkt., 15c.; 40c. per ½ oz.; oz., 75c.

**Valencia.** A bright orange in color and absolutely sunproof. Stems long. Pkt., 25c.; 40c. per ½ oz.; oz., 75c.

**White Harmony.** Black-seeded. Flowers pure paper-white of grand substance. Pkt., 25c.; 40c. per ½ oz.; oz., 75c.

**Zvolanek's Rose.** Extra large; rose-pink. Pkt., 15c.; 40c. per ½ oz.; oz., 75c.

**Mixed Colors.** Winter-flowering Spencer. Pkt., 10c.; 30c. per ½ oz.; oz., 50c.

## Michell's Distinctive Stocks

### New Giants of California

This magnificent new group is so marked in improvement that we believe they will head the list of forcing Stocks in the very near future. Giants of California are very early-flowering, with a high percentage of mammoth double flowers, and having the branching habit of the Bismarck. If planted close, they will nearly attain the height of the Column Stock, approximately 30 to 36 inches.

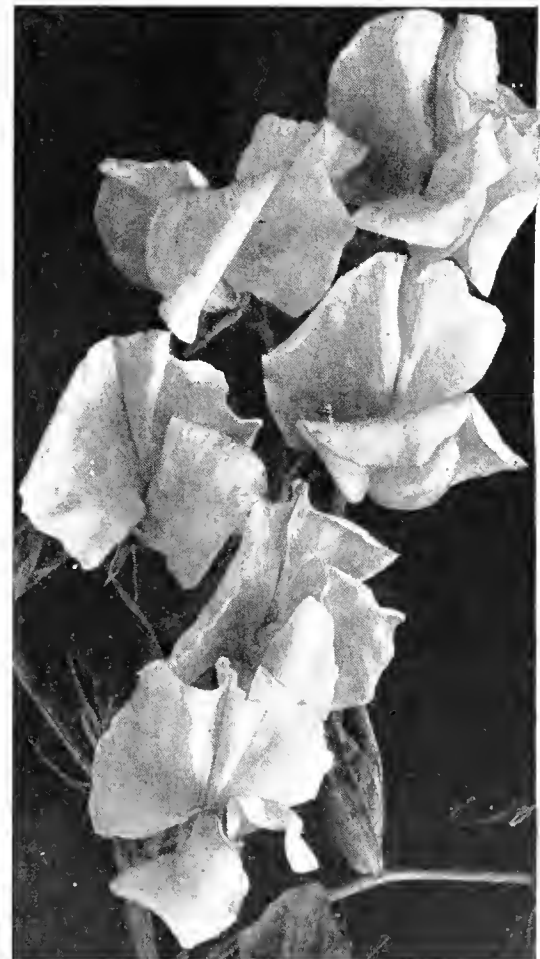
	Clear	golden	Pkt.	Large
				pkt.
<b>Golden Gate.</b>	yellow.....		\$0 25	\$0 50
<b>Monterey.</b>	Bright pink.....		25	50
<b>Pacific.</b>	Light blue.....		25	50
<b>Redwoods.</b>	Blood-red.....		25	50
<b>Santa Barbara.</b>	Chamois.....		25	50
<b>Santa Maria.</b>	Pure white.....		25	50
<b>Tahoe.</b>	Lavender.....		25	50
<b>Yosemite.</b>	Rose.....		25	50
<b>Splendid Mixture.</b>			25	50

### Early Giant Imperial Stock

#### Improved Bismarck

A fine addition to the early forcing class. Plants of tall, branching habit, 2 to 2½ feet high, and producing a very high percentage of double flowers.

	New.	Rich	Pkt.	Large
				pkt.
<b>Antique Copper.</b>	hellebore-red.....		\$0 25	\$0 50
<b>Apple Blossom.</b>	Blush-pink....		25	50
<b>Buttercup.</b>	A deeper shade than			
	Canary Yellow.....		25	50
<b>Canary Yellow (Golden Ball)</b>			25	50
<b>Chamois.</b>	Ivory, tinted old-rose.		25	50
<b>Elk's Pride.</b>	Intense royal purple.		25	50
<b>Fiery Blood-Red.</b>	Extra fine ...		25	50
<b>Golden Rose.</b>			25	50
<b>Lavender</b>			25	50
<b>Lilac</b>			25	50
<b>Rose.</b>	Deep rose-pink .....		25	50
<b>White</b>			25	50
<b>Mixed Colors</b>			25	50



Bridesmaid Sweet Peas



For a long life and a happy one, plant a garden

## MICHELL'S "DISTINCTIVE" FLOWER SEEDS



Viola cornuta

### Giant Column Non-branching Stocks

#### DOUBLE EXCELSIOR

Produces one enormous spike 2 to 3 feet in height and is especially adapted for greenhouse culture. Gives a high percentage of doubles.

**Ball's Dwarf White.**

**Ball's White.**

**Chamois-Rose.**

**Silvery Lilac.** Lilac-lavender.

**Mixed Colors.**

Price, pkt., 25c.; 85c. per large pkt.

### Stokesia • Cornflower; Stokes' Aster

**Cyanea.** Plants grow about 1½ to 2 feet high, bearing freely, from July to October, handsome, lavender-blue, centaurea-like blossoms, each measuring from 4 to 5 inches across. It is of easy culture, and one of the most desirable plants for the hardy border. Excellent for cutting. Pkt., 10c.; 50c. per large pkt.

### Sweet William • Dianthus barbatus

One of the finest hardy perennials and of easy culture. Plants grow about 1½ feet high, and are very effective in beds and borders.

**Dwarf or Alpine.** A new strain, most suitable for edging and rock-gardens. Flower-heads large; in many bright and dark shades. Pkt., 25c.; 75c. per large pkt.

**Auricula-flowered, Mixed.** A beautiful class of "eyed" single varieties. All colors. Pkt., 10c.; 25c. per large pkt.; oz., 75c.

**Single Crimson.** Pkt., 10c.; 25c. per large pkt.; oz., 75c.

**Single Newport Pink.** Salmon-pink. Pkt., 10c.; 30c. per large pkt.; oz., \$1.00.

**Single Scarlet Beauty.** Deep scarlet. Pkt., 10c.; 30c. per large pkt.; oz., \$1.00.

**Single Velvety Maroon.** Pkt., 10c.; 25c. per large pkt.; oz., 75c.

**Single White.** Pkt., 10c.; 25c. per large pkt.; oz., 75c.

**Single Mixed.** All colors. Pkt., 10c.; 25c. per large pkt.; oz., 50c.

**Double Mixed.** Pkt., 10c.; 25c. per large pkt.; oz., 90c.

### Thalictrum • Meadow-Rue

Very graceful perennial plants with finely cut foliage. Excellent for the hardy border.

**Aquilegfolium.** Feathery white flowers. Pkt., 10c.; 60c. per large pkt.

**Dipterocarpum.** Rosy purple, with yellow anthers. Pkt., 10c.; 60c. per large pkt.

### Thermopsis

**Caroliniana.** A splendid perennial, 3 to 5 feet high, and producing racemes of yellow, lupin-like flowers, 6 to 12 inches long. Pkt., 25c.; 60c. per large pkt.

### Tritoma • Red-Hot Poker

**Hybrida, Mixed.** A free-blooming perennial. 2 ft. Pkt., 10c.; 50c. per large pkt.

### Trollius • Globe-Flower

Hardy perennial with large, buttercup-like flowers.

**Europæus.** Bright yellow. 20 in. Pkt., 25c.; 75c. per large pkt.

**Hybridus.** Bright yellow. 2 ft. Pkt., 25c.; 75c. per large pkt.

### Tunica

**\*Saxifraga.** A low-growing, hardy perennial, with slender foliage and innumerable, tiny, star-like, pale pink flowers. An excellent rock-plant. 4 to 6 in. Pkt., 10c.; 30c. per large pkt.

### Valeriana • Garden Heliotrope

Hardy perennial border plants with large, fragrant flowers, the odor resembling that of the heliotrope. 2 to 3 ft.

**Mixed.** Pkt., 10c.; 25c. per large pkt.

### Veronica • Speedwell

An elegant hardy perennial plant of easy culture and free-flowering habit. Of value as a cut-flower or for the garden.

**Longifolia subsessilis.** Rich blue. 2 ft. Pkt., 10c.; 50c. per large pkt.

**\*Repens.** Bright blue flowers. 4 in. Pkt., 25c.; 75c. per large pkt.

**Spicata.** Bright blue. 1½ ft. Pkt., 10c.; 50c. per large pkt.

### Viola

**Arkwright Ruby.** Large-flowering; bright rosy crimson with terra-cotta shadings. Pkt., 50c.; 75c. per large pkt.

**Bosniaca (Johnny-Jump-Up).** Free bloomer; small leaves; purple flowers. Pkt., 10c.; 60c. per large pkt.

**Jersey Gem.** Possesses the dwarf habit and continuity of bloom of the *V. cornuta* but is of more vigorous growth. Rich violet, fragrant blooms. Pkt., 50c.; \$1.00 per large pkt.

**Yellow Queen.** Deep, pure yellow. Pkt., 50c.; \$1.00 per large pkt.

### Viola gracilis, Normandie

Novelty (Hurst)

A remarkably handsome variety of the *Gracilis* type, bearing large self-colored flowers of a rich burgundy red-purple. A really attractive new variety which will, we are sure, prove very popular. Pkt., 25c.; 75c. per large pkt.

### New Viola cornuta, Chantreyland

A fine new Viola in a pure apricot shade. Outstanding in color and free-flowering habit. Splendid for the rock-garden. Pkt., 25c.; 75c. per large pkt.

### Viola cornuta • Tufted Pansies

These resemble pansies in shape and form and while not quite as large, they bloom more profusely and for a longer time.

**Admiration.** Dark blue. Pkt., 10c.; 50c. per large pkt.

**Apricot Queen.** Apricot-yellow, tinged orange. Pkt., 25c.; 75c. per large pkt.

**Mauve Queen.** Lovely mauve color. Pkt., 10c.; 60c. per large pkt.

**Perfection.** Light blue. Pkt., 10c.; 50c. per large pkt.

**Rose Queen.** Compact habit. Rosy pink flowers. Pkt., 20c.; 60c. per large pkt.

**White Perfection.** Large; white. Pkt., 10c.; 50c. per large pkt.

**Yellow Perfection.** Golden yellow. Pkt., 10c.; 50c. per large pkt.

**Mixed.** All colors. Pkt., 10c.; 50c. per large pkt.

### Viola, Scotch Bedding

**Mixed.** Produce larger flowers than *V. cornuta*. Pkt., 25c.; \$1.00 per large pkt.

### Violet, Sweet-scented

Viola odorata

**Single, Blue Czar.** Dark blue. Pkt., 10c.; 75c. per large pkt.

### Wallflower

Half-hardy perennials of delicious fragrance, blooming early in the spring. They should be protected in a coldframe in the winter and planted out in the spring. 2 ft.

**Double Brown.** Pkt., 10c.; 75c. per large pkt.

**Double Yellow.** Pkt., 10c.; 75c. per large pkt.

**Double, Mixed.** All colors. Pkt., 10c.; 50c. per large pkt.

**Early-flowering Double, Mixed.** An extra-early variety, flowering from seed in 90 days. Pkt., 10c.; 50c. per large pkt.

**Gold Standard.** Double; annual. Deep golden yellow; very fragrant. The finest variety for forcing. Pkt., 10c.; 75c. per large pkt.

**Single, Mixed.** Pkt., 10c.; 25c. per large pkt.; oz., 40c.

**Paris Extra Early, Mixed.** A single-flowering variety, which may be treated as an annual. 1½ ft. Pkt., 10c.; 25c. per large pkt.; oz., 60c.



Wallflower

# Michell's Hardy Perennial Plants

These old-fashioned hardy flowers are the garden favorites, and justly so, for there is no time during the entire flowering season when some variety is not in bloom. They are particularly valuable in late summer and autumn when there are few shrubs in bloom. Beginning in early April they provide a constantly varying pageant of color throughout the summer and until stopped by severe frosts. They appear regularly, year after year, and as each variety has a fixed time for blooming, careful selection will insure flowers for cutting from early spring to late fall.

The Hardy Perennials are most satisfactory when planted in a border, in front of a hedge, fence, or wall, or in the open garden. When planting,

the soil should be dug to a depth of 1½ to 2 feet, pulverizing it thoroughly and working in a liberal amount of well-rotted stable manure or other fertilizer. Place in groups of three or more plants of one variety, the taller-growing ones at the back, the medium-high ones in the center, and the dwarf varieties at the front. It is important, too, that the plants are so placed that there will be some flowers in all parts of the border at all times. This can easily be accomplished by consulting our descriptions for time of flowering. Our book, "The Hardy Flower Garden," is an instructive publication which can be had free on request. We offer only such varieties as can be planted in autumn.

**Special Notice on Guarantee.** *We spare no effort to supply plants of the best quality in first-class living condition. On account of the many causes beyond our control we cannot guarantee this stock to live and establish itself, as that is usually entirely within the power of the buyer or planter.*

If plants are wanted by Parcel Post, please add 10 per cent for points east of the Mississippi River, 15 per cent for points west of the Mississippi River

Varieties marked \* are especially suitable for rock-gardens

## Achillea • Milfoil; Yarrow

**Filipendulina.** Fernleaf Yarrow. Finely cut foliage and heads of brilliant yellow flowers that last in full beauty all summer. 4 to 5 ft.

**Millefolium, Cerise Queen.** Rosy Milfoil. Finely cut, deep green foliage. Dense heads of cherry-red flowers. 1½ ft.

**Ptarmica, Boule de Neige.** Ball of Snow. Improvement on The Pearl. While flowers are not so large, they are more perfect, with fuller centers, appearing purer in color.

**Ptarmica, The Pearl.** A mass of double, pure white flowers all summer. The strong, erect stems make it one of the best summer flowers for cutting.

**\*Tomentosa.** Woolly Yarrow. Handsome cut foliage and bright yellow flowers. 1 ft. June.

Price, 25c. each; doz., \$2.50; \$4.50 for 25

## Aconitum

### Monkshood; Helmet Flower

**Fischeri.** A dwarf variety with large, pale blue flowers. 1½ ft. Sept., Oct.

**Napellus, Spark's Variety.** The darkest blue of all. 3 ft. June.

**Wilsoni.** Tall. Violet-blue flowers in late fall. Price, 30c. each; doz., \$3.00

## Agrostemma • Rose Campion

Stout, erect-growing plants with silvery foliage which contrasts well with the showy flowers produced during June and July.

**Coronaria.** Mullein Pink. Bright rosy crimson. 2½ to 3 ft.

**Coronaria alba.** Pure white.

Price, 25c. each; doz., \$2.50; \$4.50 for 25

## \*Alyssum • Gold Dust; Basket of Gold

**Saxatile compactum.** Excellent, low, spreading plant for rockery or border, growing about 10 inches high and producing masses of golden yellow flowers in May. 25c. each; doz., \$2.50; \$4.50 for 25.

## Anchusa • Sea Bugloss

**Italica, Dropmore Variety.** Plants grow 4 feet high, in pyramidal shape, branch freely, and are covered with bright blue forget-me-not-like flowers in June. Showy and valuable. 25c. each; doz., \$2.50.

**Myosotidiflora.** Distinct dwarf variety, only a foot high, from the Caucasus Mountains, with clusters of pretty blue, forget-me-not-like flowers in May. 30c. each; doz., \$3.00; \$5.50 for 25.

## Anthemis • Marguerite

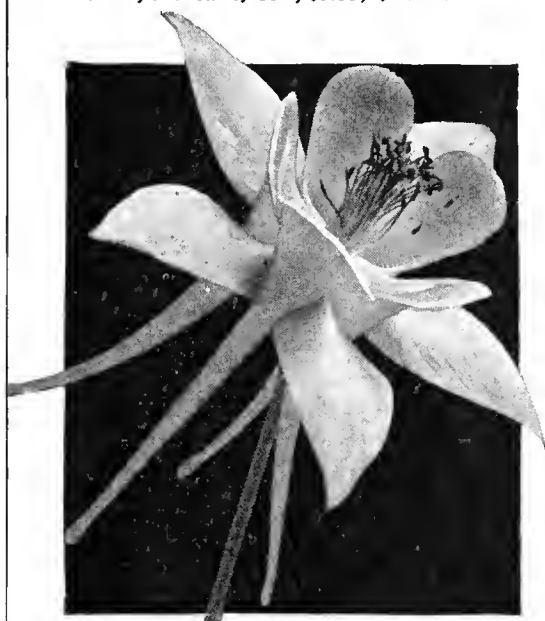
**Perry's Variety.** One of the most satisfactory summer cut-flowers, producing golden yellow, daisy-like flowers all summer. Plant is of bushy habit, about 1½ feet high. 25c. each; doz., \$2.50; \$4.50 for 25.

## Anemone

**\*Pulsatilla.** Pasque Flower. Interesting plant for rockery or border; violet or purple flowers during April and May. 9 to 12 in.

**Sylvestris.** Snowdrop Windflower. Large, nodding, sweet-scented lavender flowers, tinted white, borne singly or two together on 6 to 8-inch stems. Pretty drooping buds and finely cut foliage. Prefers semi-shade. April, May.

Price, 30c. each; doz., \$3.00; \$5.50 for 25



Aquilegia, Rose Queen

## Aquilegia • Columbine

These are invaluable for spring blooming, producing their graceful spurred flowers on stems rising 2 feet above their attractive foliage during May and June. Very effective for rockery gardens, semi-shaded places, or in hardy borders.

**Michell's Long-spurred Hybrids.** Flowers of the largest size, with long spurs. We offer them in separate colors: Blue, Pink, Red and Orange, and Pure White. See color illustration on third cover page.

**Canadensis.** Common American Columbine. The native bright red and yellow variety and one of the showiest.

**Chrysantha.** Golden Columbine. Bright yellow, long-spurred flowers.

**Cerulea.** Rocky Mountain Columbine. Bright blue and white long-spurred flowers.

**Mrs. Scott Elliott Hybrids.** The world's finest strain, consisting of the most wonderful colors, with very long-spurred flowers.

**Rose Queen.** A newer variety of a pleasing shade of pink, with long-spurred flowers.

**Snow Queen.** Pure white, long-spurred type.

Price, 25c. each; doz., \$2.50; \$4.50 for 25

## \*Arabis • Rock-Cress

**Alpina.** One of the most desirable of the very early spring-flowering plants that is especially adapted for edging and for the rock-garden, but does equally well in the border, forming a dense carpet, completely covered with pure white flowers. 25c. each; doz., \$2.50.

**Alpina fl.-pl.** The double white Rock-Cress, flowering from April until June. 35c. each; doz., \$3.50.

**Alpina rosea.** Single; delicate soft pink flowers. 35c. each; doz., \$3.50.

## \*Armeria • Sea Pink; Thrift

Attractive, dwarf plants that will succeed in any soil, forming evergreen tufts of bright green foliage, from which appear innumerable dense heads of flowers on stiff, wiry stems, from 9 to 12 inches high.

**Cæspitosa Hybrids.** Knots of spiny cushions, studded with heads of delicate pink flowers. 2 to 3 in. 35c. each; doz., \$3.50.

**Cephalotes rubra.** Large heads of crimson-red flowers on stout stems. 30c. each; doz., \$3.00.

**Lauchiana rosea.** Bright rose. 30c. each; doz., \$3.00.

## Artemisia

**Abrotanum.** Old Man; Southernwood. Dark green, finely cut foliage, pleasingly aromatic. 2 ft.

**Lactiflora.** A valuable variety with very fragrant white flowers in much-branched panicles. 4 ft. Aug., Sept.

**Pedemontana.** Handsome sort with finely cut silvery foliage.

**Silver King.** A new variety with beautiful, bright silvery foliage which retains its color all winter when cut and dried.

**Stelleriana.** Old Woman. Deeply cut silvery foliage. Much used in carpet bedding. 1½ ft. Price, 30c. each; doz., \$3.00

## Asclepias • Butterfly Weed

**Tuberosa.** Showy native plants, about 2 feet high, with brilliant orange-scarlet flowers during July and August. 25c. each; doz., \$2.50.

## Hardy Asters

### Michaelmas Daisies

**Anita Ballard.** Light lobelia-blue, shading to lighter center. Early and free. 3 ft.

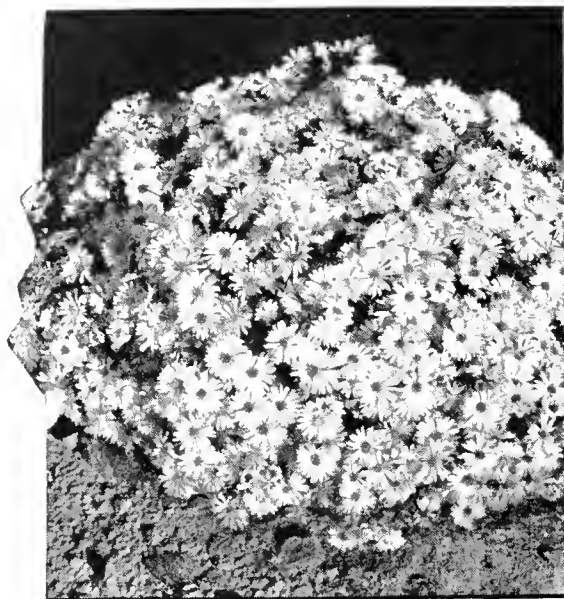
**Barr's Pink.** A strong, vigorous grower, forming shapely plants from 4 to 5 feet high with beautiful pink flowers.

**Blue Gem.** One of the most decorative, free-flowering, rich blue varieties. Probably the nearest approach to a true blue. 3 ft. See color illustration on third cover page.

**Glory of Colwall.** Large, nearly double, ageratum-blue flowers. Remarkably free flowering. 2½ ft.

**Miss Eisele.** Very large flowers of beautiful lavender-blue. One of the best. 3 ft.

## MICHELL'S HARDY PERENNIAL PLANTS



Dwarf Hybrid Border Asters

### HARDY ASTERS, continued

- Novæ-angliæ.** Bright violet-purple flowers in abundance during the early autumn. 4 ft.
- Novi-belgi, Climax.** One of the best and showiest, with large, pyramidal spikes of lavender-blue flowers. 5 ft.
- Pink Progressive.** Very bushy plants with masses of small pink flowers. The best low-growing pink. 2½ ft.
- Queen Mary.** The best of the Novi-belgi type. Graceful flowers of a particularly pleasing blue, tinted lavender, 2½ inches in diameter, arranged loosely in branching panicles. 3½ ft.
- Roseum superbum.** One of the best hardy Asters we have ever seen. Almost red. Profuse bloomer.
- Sam Banham.** Very large, graceful, pure white flowers. One of the earliest to bloom. 3 ft.
- St. Egwin.** Densely branched, producing beautiful pink flowers. 3 ft. Sept.
- Tataricus.** Large, bluish violet flowers. Very late. 6 ft.

Price, 25c. each; doz., \$2.50; \$4.50 for 25

### Dwarf Border Asters

We feel that the following collection of new Dwarf Hybrid Asters will fill a long-felt want in providing a race of dwarf, compact, free-flowering plants that bloom when there is a scarcity of low-growing flowering plants. The plants rarely exceed 1 foot in height, and during the blooming period, in September, they are completely covered with blossoms for a considerable time. They are exceptionally fine for edging or grouping in front of borders, and are also charming for the rock-garden.

#### Introductions of 1936

The following is a selected list of new hybrids. All are quite distinct and pretty. You will make no mistake in planting any of these.

- Constance.** A really pure shell-pink—a delightful color. Very graceful habit. 9 in. Oct.
- Diana.** Large, delicate, soft pink, semi-double flowers and pretty feathery green foliage. 9 in. Sept.
- Hebe.** A compact variety with small, deep pink flowers. Ideal rock-plant. 10 in. Sept.
- Lavanda.** Lavender-blue flowers. Very free bloomer. Commences to bloom in early September. 6 in.
- Lilac Time.** Lovely soft lilac flowers. Very free bloomer of bushy habit. 1 ft. Sept., Oct.
- Niobe.** The best white Aster. Dwarf, compact grower with pure white flowers. 6 in. Sept.

Price, 35c. each; doz., \$3.50; \$6.50 for 25

### Dwarf Border Asters, continued

- Countess of Dudley.** Lovely, clear pink flowers with yellow eyes. Bushy and free flowering. 9 in. Late Sept.
- Lady Henry Maddocks.** Clear pale pink flowers. Free flowering; dwarf, compact growth. 1 ft. Sept.
- Marjorie.** A charming plant of compact growth, with large, bright rose-pink flowers. 1 ft. Mid-Sept.
- Nancy.** Plants of dwarf, bushy habit and very free flowering, being covered with pale flesh-pink flowers in late September. 1 ft.
- Ronald.** Dwarf bushy plants, covered with flowers of a pleasing bright shade of lilac-pink, with rose-pink buds. Very showy. 1 ft. Mid-Sept.
- Snowsprite (Snow Fairy).** A very dwarf, early fall-flowering variety, forming compact clumps about 1 foot high, with large, semi-double, white flowers. A fine novelty which deserves a place in every garden. Early Sept.
- Victor.** The dwarfiest of all and very pretty. Flowers are of good size and of a beautiful clear, pale lavender-blue. Charming rock-plant. 1 ft. Early Sept.

Price, 35c. each; doz., \$3.50; \$6.50 for 25

### Outstanding New Hardy Asters

- Aurora.** Large, semi-double flowers of a beautiful clear shell-pink with yellow centers. Charming feathery foliage of a bushy habit. 1½ ft. Sept.
- Blue Bouquet.** Large, clear violet-blue flowers with yellow eyes. Very charming. 1½ ft. Oct.
- Burbank's Charming.** Entirely distinct from any other Aster in habit of growth and foliage. Plants grow 5 feet high and are completely covered with masses of feathery sprays of a delicate rosy white color. Oct., Nov.
- Charles Wilson.** A bright red Aster which is getting many laudatory comments from test plantings throughout the country. Grows 3 feet high and is very good.
- Dorothy Vokes.** Very distinct bushy habit, covered with clear pink flowers. 15 in. Oct.
- Hybridus luteus.** Masses of bright clear yellow, star-shaped flowers. A yellow border acquisition from July until frost. Grows compact and bushy, 2 feet high. Free flowering and keeps well when cut.
- Mt. Everest.** A wonderful white Aster, by far the finest and best white ever introduced. Very tall, well-shaped pyramids of flowers right down to the ground. The blooms are large, pure white, with a very small yellow eye, and, unlike other white Asters, the old flowers do not discolor the mass.
- Red Rover.** Deep rosy red flowers with golden centers; buds bright red, giving us our first red fall-flowering Aster. Compact in habit and very free flowering. A real novelty which should be in every garden. 3 to 4 ft. Sept. to frost.
- Skylands Queen.** Large, light blue flowers produced abundantly on 4-foot plants in late August and early September. Dark green, disease-resistant foliage. The best fall Aster and a happy grower.

Price, 50c. each; doz., \$5.00

### Japanese Hardy Aster

- Mauve Cushion.** A distinct species, forming a circular, cushion-like plant rarely exceeding 9 inches in height. Flowers delicate, soft mauve, produced in such lavish profusion as to completely cover the plant. Nov. 30c. each; doz., \$3.00.

### Aster Frikarti • Wonder of Stäfa

A new everblooming perennial that blooms from June until frost. Flowers clear azure-blue, about 3 inches in diameter, on long stems. 50c. each; doz., \$5.00.

### Dwarf Alpine Asters

**Alpinus.** Indispensable for the rockery or edges of hardy borders as it grows only 6 to 10 inches high and bears large, showy, bluish purple flowers in May and June.

**Alpinus albus.** Pure white form of above.

**Subcæruleus.** Forms a dense tuft of leaves from which spring many leafless stems a foot high, bearing, in June and July, large, bluish violet flowers.

Price, 30c. each; doz., \$3.00

### Astilbe Arendsi

Vigorous plants 2½ to 3½ feet high. They prefer a half-shady, moist position in any ordinary garden soil.

**Amethyst.** Well-branched spikes of deep violet-purple flowers in late June. 3 ft.

**Bremen.** A lovely variety with spikes of dark salmon-carmine flowers. Fine for forcing.

**Rose Pearl.** Shell-pink. Excellent variety for the garden.

**Vesta.** Very graceful plumes of light lilac-rose.

Price, 50c. each; doz., \$5.00

### Bocconia

#### Plume Poppy; Tree Celandine

**Cordata.** Creamy white flowers in terminal panicles. 6 to 8 ft. July, Aug. 25c. each; doz., \$2.50; \$4.50 for 25.

### Boltonia • False Chamomile

These are among the showiest of our native hardy perennial plants. The large, single, aster-like flowers are borne during the summer and autumn months, and its thousands of flowers, open at one time, produce a very showy effect.

**Asteroides.** Pure white. Very effective. 5 to 7 ft.

**Latisquama.** Pink, slightly tinged with lavender. 4 to 6 ft.

Price, 25c. each; doz., \$2.50; \$4.50 for 25

### Campanula • Bellflower

Showy perennial plants of special merit. Some are tall, being suitable for borders; others dwarf, for rockeries and edging. They delight in a good rich loam, preferring a semi-shaded place.

**Calycanthema.** Cup and Saucer. This is a biennial and lasts only one season, when planted in the autumn. Pink, White, and Blue, each color separate. 1½ ft. June, July.

**\*Carpatica.** Carpathian Harebell. A pretty compact-growing variety with clear blue flowers on erect, wiry stems, from July until October. An ideal edging for the border or rockery.

**\*Carpatica alba.** A pure white form of the above.

**Medium.** Old-fashioned Canterbury Bells. A biennial type, like Calycanthema, and will last only one season when planted in autumn. Flowers freely in June, July, and August and grows 3 to 4 feet high. Blue, Pink, and White, in separate colors.

**Persicifolia.** Peach Bells. Bright blue flowers during June and July. 2 ft.

**Persicifolia alba.** A pure white form of the above.

**Pyramidalis.** Chimney Bellflower. The most conspicuous of all Campanulas, forming a perfect pyramid 4 to 6 feet high of porcelain blue flowers in August.

**Pyramidalis alba.** Identical with the above but pure white.

Price, 30c. each; doz., \$3.00; \$5.50 for 25

### Hardy Border Carnations

Choice mixed seedlings produced from seed. We supply strong plants that will furnish an abundance of flowers next season. 25c. each; doz., \$2.50; \$4.50 for 25.



## MICHELL'S HARDY PERENNIAL PLANTS

### Centaurea • Hardheads; Knapweeds

Plants of easy culture, delighting in an open, sunny position and producing a wealth of bloom which not only makes a fine display in the border but is excellent for cutting.

**Dealbata.** Bright rose-colored flowers borne profusely from July until September. 1½ ft.

**Macrocephala.** Large, thistle-like, golden yellow flowers, useful for cutting and showy in the border. 3½ ft. July, Aug.

**Montana.** Perennial Cornflower. Large, violet-blue flowers from July to September. 2 ft.

Price, 25c. each; doz., \$2.50; \$4.50 for 25

### \*Cerastium • Snow-in-Summer

**Tomentosum.** Pure white flowers and silvery foliage. A compact grower and fine for the rock-garden. 25c. each; doz., \$2.50; \$4.50 for 25.

### Chelone • Shell-Flower

**Lyoni.** Handsome perennial, growing about 2 feet high and bearing numerous heads of large, showy purplish red flowers during the summer. 30c. each; doz., \$3.00; \$5.50 for 25.

### Chrysanthemum

**\*Arcticum.** Arctic Daisy. A most attractive fall-flowering perennial. Rosette-like clumps of pretty dark green foliage during the summer, and early in the fall it sends up multitudes of large, pure white flowers which continue throughout October and frequently into November.

**Coreanum.** Korean Chrysanthemum. This remarkable new perennial variety from Korea is of ironclad hardiness. The large white flowers, with golden centers, often turn light pink in frosty weather. Blooms from October to December.

**Shasta Daisy, Alaska.** A decided improvement on the original variety. Pure glistening white flowers.

Price, 30c. each; doz., \$3.00; \$5.50 for 25

### Shrubby Clematis

**Davidiana.** A very attractive variety with fresh, bright green foliage and extremely fragrant, deep lavender-blue, bell-shaped flowers, during August and September. 35c. each; doz., \$3.50.

### Coreopsis

**Lanceolata grandiflora.** Graceful flowers of rich golden yellow, fine for cutting, are produced by dozens on a single plant. A few plants make a handsome display, either planted individually or in clumps. Where quantity and quality of bloom are wanted, Coreopsis fills the bill. June-Oct. 25c. each; doz., \$2.50; \$4.50 for 25.

### New Double Daisy, White Swan

Here is a Daisy that will compare with the double pyrethrums. It produces solid, double, pure white flowers on wiry stems 1½ to 2 feet long, and it is not unusual for one plant to bear from 15 to 20 flowers during late May and early June.

The flowers are uniform, of good size, and are excellent for cutting. Perfectly hardy. 50c. each; doz., \$5.00.

### Doronicum • Leopard's Bane

**Excelsum.** Very showy daisy-like flower of clear bright yellow, in April and May. Fine for cutting. 30c. each; doz., \$3.00; \$5.50 for 25.

Varieties marked \* are especially suitable for rock-gardens

### Delphinium • Hardy Larkspur

**Belladonna.** The freest and most continuous blooming of the Delphiniums, never being out of flower from the end of June until cut down by hard frost. Its clear turquoise-blue color is not equaled for delicacy and beauty by any other flower.

**Bellamosum.** Identical to Belladonna, except in color, which is a rich deep blue.

**Chinense.** Very pretty dwarf species, with fine feathery foliage and intense gentian-blue flowers in open panicles.

**Chinense album.** A pure white form of the above.

Price, 25c. each; doz., \$2.50; \$4.50 for 25

**Michell's Gold Medal Hybrids.** The plants are of strong, vigorous habit, with large flowers on spikes 2 feet long and over, the majority running in the lighter shades of blue. We can supply them in mixture only. 30c. each; doz., \$3.00; \$5.50 for 25.

### Named New Varieties

**Advancement.** Strikingly beautiful color—rich mauve. \$3.00 each.

**Blue Queen.** Azure-blue with blackish brown center. Single. \$1.50 each.

**Clive Greaves.** Rich porcelain-blue flowers of good form. \$1.50 each.

**Constance.** A lovely blue single, with white eye. \$1.50 each.

**Countess Cowley.** Light blue and mauve, with black eye; semi-double flowers of wonderfully fine form. \$1.50 each.

**Edward Bromet.** The purplish blue ground is rich and the white eye extremely large. 5 ft. \$1.50 each.

**Glory.** Mauve, shaded rose. 4 ft. \$1.50 each.

**Great Strides.** Pale blue, shaded mauve, white eye. \$1.50 each.

**Happy Thought.** Medium blue, shaded pansy-violet. 5 ft. \$1.50 each.

**Mrs. A. J. Watson.** Deep mauve shade, with black center. \$1.50 each.

**Mrs. Norman Holden.** Large, semi-double flowers of mauve and blue with large black eye. A fine variety. 5 ft. \$1.50 each.

**Mrs. Shirley.** Lovely lilac-mauve, white and sulphur eye. \$1.50 each.

**Mrs. Townley Parker.** Sky-blue, white eye. Single. \$1.50 each.

**Norah Phillips.** Deep blue and purple. 6 ft. \$1.50 each.

**R. A. Pilkington.** Rich violet, edged dark blue, eye brown. Spike well formed. 5 ft. \$1.50 each.

**The Bishop.** Bright royal blue, white center. 5 ft. \$1.50 each.

**The Shah.** A deep rosy lavender self with dark eye. 5 ft. \$1.50 each.

**Watkin Samuels.** Rich blue and mauve. \$3.00 each.

### New Delphiniums in Color Groups

Light Shades, Mauve Shades, Intermediate Shades, Dark Shades, Mixture. \$1.25 each; doz., \$13.50.

### \*Dianthus • Garden Pinks

The Pinks have an important place in edging hardy borders, garden walks, or in rock-gardens. They are at the height of bloom in June.

**Deltoides.** Maiden Pink. A continuous pink-flowering variety. Especially suited for rock-work.

**Deltoides alba.** White form of above.

**Latifolius atrococcineus fl.-pl.** Everblooming Hybrid Sweet William. A fine variety with brilliant crimson, double flowers. Blooms during the entire season.

Price, 25c. each; doz., \$2.50; \$4.50 for 25

### Dielytra (Dicentra)

Bleeding-Heart; Seal Flower

**\*Eximia.** Fringed Bleeding-Heart. A dwarf-growing variety with beautiful, finely cut foliage and showy racemes of pretty pink flowers throughout the season. 30c. each; doz., \$3.00.

**Spectabilis.** An old-fashioned favorite. Its long sprays of graceful, heart-shaped flowers are always attractive. Most satisfactory for the hardy border, especially when it can be planted in the shade. 50c. each; doz., \$5.00.

### Digitalis • Foxglove

These will do well in semi-shaded spots and grow from 4 to 6 feet high, flowering in June.

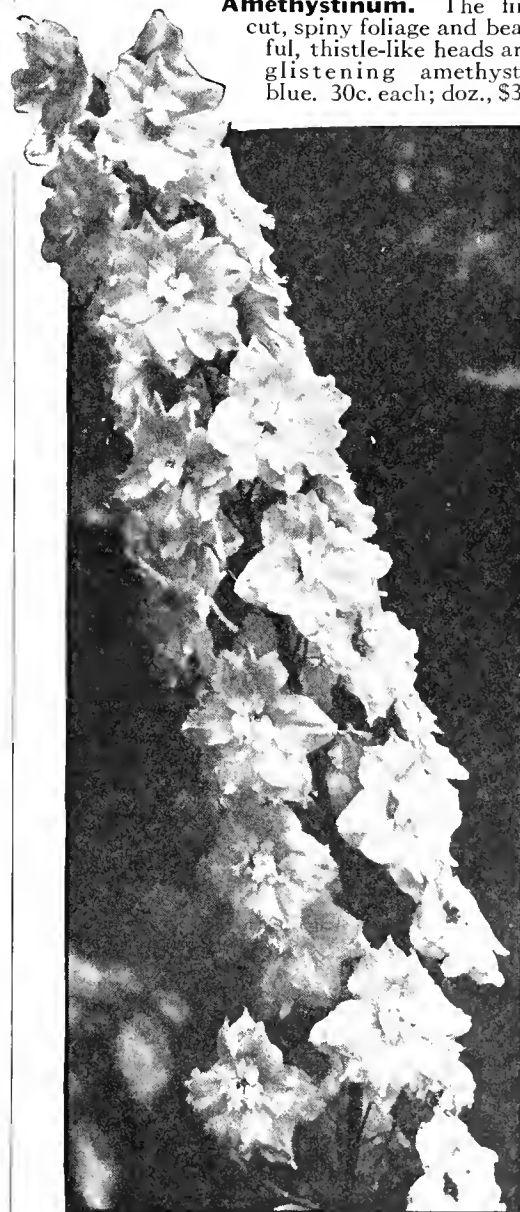
**Giant Shirley.** A genuine Shirley production of extraordinary size and vigor. The flower-heads are over 3 feet long, crowded with large, bell-shaped blossoms, ranging in color from white and shell-pink to deepest rose, many attractively dotted with crimson and chocolate. We offer these in mixed colors only. See color illustration on third cover page.

**Gloxiniæflora.** White, Pink, Purple, each separate.

Price, 30c. each; doz., \$3.00; \$5.50 for 25

### Eryngium • Sea Holly

**Amethystinum.** The finely cut, spiny foliage and beautiful, thistle-like heads are of glistening amethystine-blue. 30c. each; doz., \$3.00.



Delphinium

## MICHELL'S HARDY PERENNIAL PLANTS



Hemerocallis

### Hardy Ferns

- Adiantum pedatum.** Maidenhair Fern. 1 ft.  
**Aspidium acrostichoides.** Christmas Fern. 1 ft.  
**Asplenium Filix-fœmina.** Lady Fern. 12 to 15 in.  
**Cystopteris bulbifera.** Bulblet Bladder Fern. 2 ft.  
**Dicksonia punctilobula.** Gossamer Fern. 1½ ft.  
**Onoclea Struthiopteris.** Ostrich Fern. 2 to 3 ft.  
**Onoclea sensibilis.** Sensitive Fern. 1 ft.  
**Osmunda cinnamomea.** Cinnamon Fern. 2 ft.  
**Osmunda Claytoniana.** 2 ft.  
**Woodsia ilvensis.** Excellent for rockwork, requiring little soil and thriving best in the sunniest corner. 6 in.

Price, large plants, 30c. each; doz., \$3.00; \$5.50 for 25

### Gaillardia • Blanket Flower

Plants bear a profusion of beautiful flowers and make a striking effect. They last a long while as a cut-flower and are abundant from June until frost. Height, about 2 feet.

- Grandiflora.** Petals on outer edge yellow; the dark brown center is surrounded with a rich orange disc.  
**Magnificent.** Large, broad-petaled flowers on long stems, excellent for cutting. Bright golden yellow, with a well-defined mahogany zone.  
**Portola Hybrids.** Flowers of immense size, ranging through shades of bronzy red with golden-tipped petals. See color illustration on third cover page.

Price, 25c. each; doz., \$2.50; \$4.50 for 25

### \*Geum • Avenas

Well-known plants noted for their rich coloring and freedom of flowering. Useful for cutting and the rockery or border. May-July.

- Coccineum, Mrs. Bradshaw.** Twice the size of the old double scarlet, with huge, frilled petals. 6 to 10 in.  
**Coccineum, Lady Stratheden.** Exactly the same habit of growth as Mrs. Bradshaw, but producing large, double golden yellow flowers.

Price, 30c. each; doz., \$3.00

### Hibiscus • Marsh-Mallow

- Giant-flowering.** A wonderfully improved form of our greatly admired Marsh-Mallows. They attain a height of 6 to 7 feet, have beautiful lacinated foliage, and monstrous flowers, measuring from 6 to 8 inches in diameter. We offer these in separate colors: Red, Pink, and White. 30c. each; doz., \$3.00.

### Hardy Ornamental Grasses

The beautiful effect produced by the hardy Grasses is hard to describe. Plantings must be seen to be appreciated. Excellent as individual specimens.

- Elymus glaucus.** Blue Lyme-Grass. A graceful type with narrow, silvery blue foliage. Dwarf, compact grower. 3 ft.  
**Erianthus Ravennæ.** Plume-Grass; Hardy Pampas Grass. Deep green, narrow foliage. Grows about 10 feet high.  
**Eulalia gracillima univittata.** Japanese Rush. Graceful, narrow, green foliage, with silvery rib, growing 5 to 6 feet high.  
**Eulalia japonica.** Attractive green variety 4 to 5 feet high.  
**Eulalia japonica variegata.** An attractive variety with a variation of markings of white, green, sometimes light pink and yellow. 4 to 5 ft.  
**Eulalia japonica zebrina.** Dark green foliage, cross marked horizontally with golden yellow.  
**Phalaris arundinacea variegata.** Variegated Ribbon Grass; Gardener's Garter. Especially suited for edging taller varieties, as it grows rather dwarf. The foliage is somewhat broad, variegated white and green. 12 to 15 in.  
**Pennisetum japonicum.** Hardy Fountain Grass. One of the most valuable hardy Grasses, either for beds, mixed borders, or as individual specimens. 4 ft.

Price, 35c. each; doz., \$3.50

### Gypsophila • Baby's Breath

During August and September this is a mass of delicate flowers that may be used as fresh cut-flowers, and also for a semi-everlasting effect; they keep for months without water.

- Bristol Fairy.** A distinct new double form, producing immense panicles of pure white flowers. Strong plants, 50c. each; doz., \$5.00.  
**Paniculata.** Feathery sprays of white flowers, useful for effects in bouquets. 30c. each; doz., \$3.00; \$5.50 for 25.

### Helenium • Sneezewort

These desirable perennials succeed in almost any soil in a sunny location. The flowers are fine for cutting.

- Autumnale rubrum.** Bright terra-cotta-red. 4 ft.  
**Autumnale superbum.** Golden yellow flowers in late summer and fall. 5 to 6 ft.  
**Bruneum coccineum.** Erect, branching plant with flowers of dark, bronzy, brownish red. One of the earliest to bloom. 2½ ft.  
**Gaillardiaeflorum.** Glowing bronzy red petals with just a tip of golden yellow. 3 ft.  
**Golden Youth.** Pure golden yellow. Early flowering. 2½ ft.  
**Riverton Beauty.** Rich lemon-yellow, with large purplish black cone. 4 ft. Aug., Sept.  
**Riverton Gem.** Old-gold, changing to wall-flower-red. 3½ ft. Aug., Sept.

Price, 30c. each; doz., \$3.00; \$5.50 for 25

### Helianthus • Hardy Sunflower

Very effective in borders, among shrubbery, or as clumps on the lawn, etc. They produce masses of flowers during summer and until frost, which are fine for cutting.

- Maximilian.** The latest of all, blooming profusely in October. The fine golden yellow flowers appear in long, graceful sprays. Fine for cutting. 5 to 7 ft.  
**Multiflorus fl.-pl.** Large; double; golden yellow. 4 ft. July, Aug.  
**Orgyalis.** A tall variety bearing single yellow flowers of medium size during September. 6 ft.

Price, 25c. each; doz., \$2.50; \$4.50 for 25

### Heliopsis • Orange Sunflower

This genus is very similar to helianthus. The tall-growing plants are well suited for the back of flower borders, where they flower beautifully throughout the summer.

- Pitcheriana.** One of the best hardy plants for the perennial border. Daisy-shaped, deep orange flowers on good stems for cutting. 2 to 3 ft.  
**Scabra excelsa.** Rich chrome-yellow flowers, turning to a bright yellow as they mature. These are almost double and are produced very profusely. The plant is of robust growth, about 3 feet high. Mid-July to the end of August.

Price, 25c. each; doz., \$2.50; \$4.50 for 25

### Hemerocallis • Yellow Day-Lily

Lily-like plants, flowering in great profusion during the summer and making a fine cut-flower.

- Dr. Regel.** Handsome, very fragrant, rich orange-yellow flowers in May. Fine for cutting.  
**Flava.** Yellow Day-Lily. Very fragrant, deep lemon-yellow flowers during June and July. 2½ to 3 ft.  
**Fulva.** Tawny Day-Lily. Trumpet-shaped flowers of coppery orange, shaded crimson. June, July.  
**Fulva Kwanso.** Double Day-Lily. Coppery red. 3 ft. July.

Price, 30c. each; doz., \$3.00; \$5.50 for 25

### The New Hybrid Hemerocallis

- Anna Betscher.** Round, deep canary-yellow flowers. Dwarf. Late.  
**Goldeni.** Fine deep orange flowers, produced freely in early July. Quite vigorous. Very effective garden variety. 3 ft.  
**Gypsy.** Brilliant deep orange flowers on 3-foot, slender stems during July. Showy plant for small border.  
**H. D. Wyman.** A strong-growing variety with deep orange flowers, on erect stems. Blooms in early July. Excellent for cutting.  
**J. A. Crawford.** The flowers are of fine size and a brilliant combination of apricot and cadmium-yellow; borne on 4-foot stems the latter part of June and early July. One of the best.

- Mrs. W. H. Wyman.** Lovely light yellow flowers on 4-foot stems in August. Very free flowering and lasting a long time.  
**Sunkist.** A gorgeous flower of a beautiful shade of orange, on stems 3 feet high. A two-year-old plant will often produce from 6 to 10 stalks, each bearing from 10 to 15 flowers.

Price, 75c. each

### \*Heuchera • Alum-Root; Coral Bells

- Cascade.** Pink flowers. Begonia-like foliage.  
**Edge Hall.** Flesh-pink bells.  
**Sanguinea.** Bright crimson flowers in graceful sprays, excellent for cutting.

Price, 30c. each; doz., \$3.00

### Hollyhocks, Double

These thrive best in soil that is not too wet, enriched with well-rotted stable or sheep manure. While perfectly hardy, we recommend protecting them slightly during the winter with leaves, long manure, or straw.

Our strain of these is very fine, and we offer the following separate colors, double flowering only:

**Yellow      Crimson      Pink      White**  
 Price, 25c. each; doz., \$2.50; \$4.50 for 25

### \*Iberis • Hardy Candytuft

- Sempervirens.** Pure white flowers. 1 ft. 30c. each; doz., \$3.00; \$5.50 for 25.

Varieties marked \* are especially suitable for rock-gardens



LILIAM TENUIFOLIUM

## MICHELL'S Superb LILIES

A select list of varieties of a quality to satisfy the professional grower or bring joy to the amateur's garden.



LILIAM REGALE

LILIES are just as easy to grow as any other bulbous plant if good bulbs are planted.

Michell's Lilies are that kind—fine healthy bulbs in which are stored the gems of such lovely flowers as those shown in their natural colors on this page.

By selection of varieties one can have Lilies in bloom from June to September, and with a little care the bulbs last for years.



LILIAM AURATUM

### TENUIFOLIUM

Large Bulbs, 25c. each;  
doz., \$2.25; \$15.00 per 100

### REGALE

Mammoth Bulbs, 35c. each;  
doz., \$3.50; \$25.00 per 100

### AURATUM

Mammoth Bulbs, 40c. each;  
doz., \$4.00; \$27.50 per 100

### SPECIOSUM RUBRUM

Mammoth Bulbs, 40c. each;  
doz., \$4.00; \$27.50 per 100

### UMBELLATUM

35c. each; doz., \$3.25;  
\$25.00 per 100

For other varieties of Lilies, see page 14



LILIAM SPECIOSUM RUBRUM



LILIAM UMBELLATUM

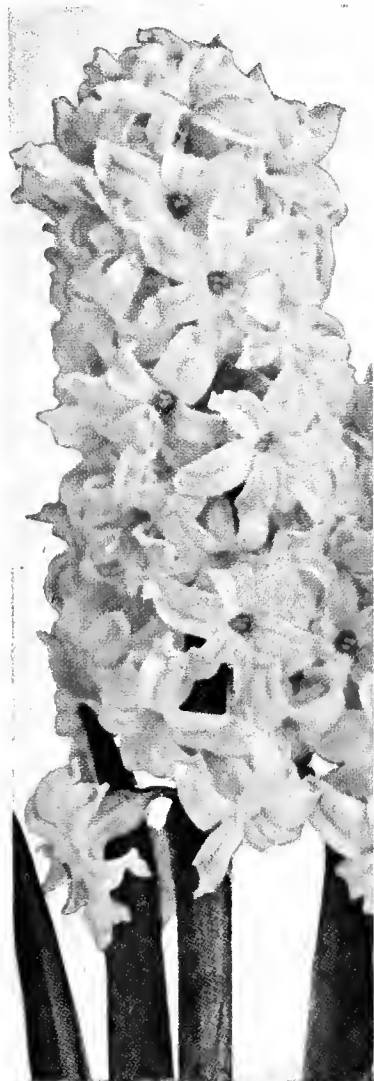


## CALLA LILY (ELLIOTTIANA)

*Ready in October*

The rich golden yellow flowers of the Yellow Calla are large (massive, in fact), and produced in abundance. Its spectacular foliage is a lively shade of green and is spotted with white. Both flower and plant are attractive.

<b>Mammoth</b>	<b>Each</b>	<b>Doz.</b>	<b>100</b>
Bulbs...	\$0 30	\$3 00	\$22 50
<b>Monster</b>			
Bulbs...	50	5 00	37 50
<b>Jumbo</b>			
Bulbs...	75	8 00	60 00



CALLA LILY

# THE PICK OF THE S



## Dog's-tooth Violets

The Erythroniums, Dog's-tooth Violets, or Trout Lilies are among the loveliest of spring bulbs. The little lily-like flowers come in attractive shades of white, pink, creamy yellow, and rose. The richly mottled foliage is also attractive.

10c. each; per doz., 80c.;  
\$6.00 per 100



## CHIONODOXA

*Glory-of-the-Snow*

Blue, star-like flowers in early spring. Used with snowdrops for borders or naturalizing.

Doz., 40c.; \$2.75 per 100,  
postpaid

## HYACINTHS

Hyacinths are one of our most important spring bulbs, as they can be flowered in so many ways. As a bedding plant they are superb—the large heads of fragrant flowers in their subdued shades blend with anything. They last for quite a long time and the bulbs last for years. Annuals planted over them after the foliage dies down do not seem to bother the bulbs at all.

As a pot-plant, to bloom in the house in early spring, they are a joy because of their pleasant fragrance as well as beauty; also very successful when grown in glasses. List of varieties on page 8.

	Each	Doz.	100
<b>Monster Bulbs</b> .....	\$0 25	\$2 50	\$17 50
<b>First-size Bulbs</b> .....	20	2 00	14 00
<b>Second-size Bulbs</b> .....	15	1 50	11 00

*HERE is a selection of bulbs for the glorification of the spring garden. Easily grown, most of them multiply rapidly and furnish both beauty and fragrance.*

## CROCUS

These early-blooming bulbs brighten the garden soon after snow disappears and are effective in very many different ways. In beds or borders, planted in clumps among shrubbery or in the rock-garden, they are a joy.

The Giant named varieties have been greatly improved in size and range of color in recent years and are one of the most satisfactory of spring flowers.

For naturalizing in the grass, Crocus are very effective.

For varieties and prices see page 16.

**Giant Mixed Colors.**  
Doz., 35c.; \$2.50 per 100;  
per 1000, \$22.50



# SPRING-FLOWERING BULBS

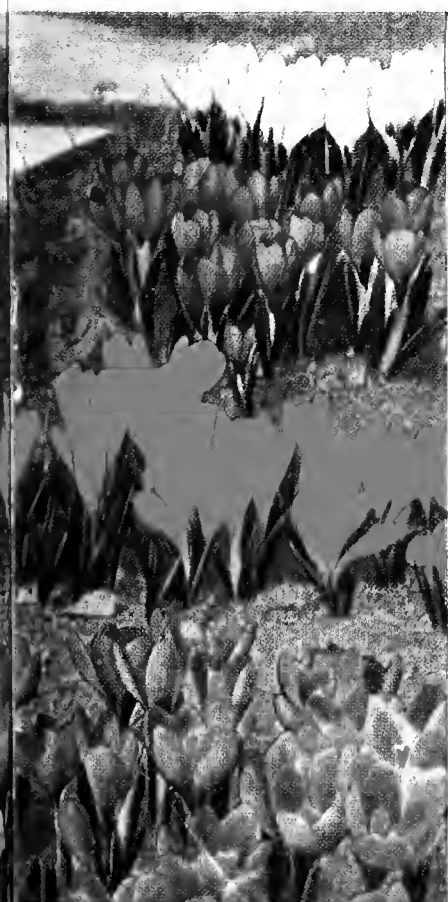


**Paper-White Narcissus**

*Michell's Big-Bloom Paper-White*

An improved large-flowering strain which can be forced into bloom in 8 weeks' time. Easily grown in pebbles and water.

	Doz.	100	1000
Selected Bulbs.....	\$0 50	\$3 00	\$25 00
Mammoth Bulbs. ...	60	4 00	35 00
Monster Bulbs.....	75	5 00	45 00



**CROCUS**



**TULIPA KAUFMANNIANA**

One of the earliest Tulips, blooming in early April. Creamy white flowers marked with carmine on 5 to 7-inch stems. Very lovely.

Doz., \$1.10; \$8.50 per 100; per 1000, \$80.00



**TULIPA CLUSIANA**

The Candlestick or Lady Tulip is one of the daintiest of the Tulip family. The outer petals are cherry-red, the inner ones creamy white with a violet base. Especially attractive in the rock-garden or when massed in front of evergreens. Height, 8 in.

Doz., 85c.; \$6.00 per 100; per 1000, \$55.00



**SNOWDROPS**

Lovely little white flowers breaking out as soon as snow disappears.

	Doz.	100	1000
Single.....	\$0 40	\$3 00	\$25 00
Double.....	55	4 00	35 00

**SCILLA • Spring Beauty**

The Squills are delightful, very early flowers, especially effective when planted in masses.

See page 18 for other varieties.

Doz., 75c.; \$5.50 per 100



**SCILLA**





GRENADIER



CARRARA



MOONLIGHT



ORANGE KING



DIDO

## 5 LOVELY COTTAGE TULIPS

### Collection:

12 Bulbs of each variety, \$3.25 postpaid  
6 Bulbs of each variety, 1.75 postpaid  
3 Bulbs of each variety, 90c. postpaid



FANTASY. *Parrot Tulip*

## PARROT TULIP

### *Fantasy*

This most spectacular Tulip has flowers much larger than the picture. In addition to the silver and green markings shown, the inside of the shaggy cup is warmed by an orange flush. Strong stems, almost 2 feet long, support the great flowers.

Doz., \$1.10; \$8.00 per 100;  
per 1000, \$75.00



LILY-FLOWERED SIRENE

### SIRENE

The Lily-flowered Tulips are very graceful with their long-pointed petals, and Sirene is one of the loveliest of a lovely family.

Doz., 75c.; \$5.50 per 100;  
per 1000, \$50.00

### DE WET

A richly colored flower, just like the picture, which blooms early and lasts long. Planted among hyacinths and late narcissus it makes a gorgeous picture.

Doz., 80c.; \$5.50 per 100;  
per 1000, \$50.00



DE WET



## MICHELL'S HARDY PERENNIAL PLANTS

### Iris germanica • Fleur de Lis

#### Superb New and Rare Varieties

- Asia.** Standards pale silvery lavender, suffused yellow and gold at the base; falls pale reddish purple, lighter at the margin; beard bright golden yellow. 54 in. 50c. each.
- Canopus.** Standards light purple, arched; falls velvety prune-purple. Very free flowering. 36 in. 50c. each.
- Gold Imperial.** Chrome-yellow throughout, except for orange beard. 33 in. 50c. each.
- Imperator.** Standards clear violet; falls deep velvety rose-red. 40 in. 35c. each.
- Moonlight.** Warm French gray, tinted blue, touched with green and yellow lights; broad lemon-yellow beard; scented. 36 in. 50c. each.
- Morning Splendor.** An exceedingly large, deep claret-red of wonderful form and substance. 42 in. 50c. each.
- Pioneer.** Standards are large and incurved, bright red-purple; falls are very broad, of a deep, glowing red-purple, set off by bright orange beard. 42 in. 50c. each.
- Prospero.** Standards pale lavender, flushed with yellow; falls deep ruby-purple. 40 in. 35c. each.
- Susan Bliss.** Uniform shade of deep rose-pink. The flower is exquisitely shaped and of excellent substance, opening 3 or 4 at a time. 42 in. 35c. each.
- Tropic Seas.** A very deep blue-purple, illuminated conspicuously by a rich golden beard. 50 in. 50c. each.
- True Charm.** Blooms white, with margins delicately etched with blue-lavender. 40 in. 50c. each.
- Wild Rose.** An adorable pink, having a smooth, satiny texture. 30 in. 35c. each.

#### Standard Varieties

- Afterglow.** Misty lavender, lighted with yellow at center. Its name fits it perfectly as it has the soft tints of the evening sky after the sun has disappeared. 36 in.
- Alcazar.** Standards light bluish violet; falls deep purple, bronze-veined at the throat. 36 in.
- Ambassadeur.** Overlapping standards dull purplish bronze; lovely flaring falls of deep velvety maroon; beard and styles yellow. 48 in.
- B. Y. Morrison.** Standards pale lavender-violet; falls velvety raisin-purple, with broad lavender border. Very distinct. 33 in.
- Colonel Candelot.** Standards bronze, overlaid with red-lavender; falls rich velvety crimson; yellow beard. 30 in.
- Crusader.** Standards light blue; falls deep violet-blue; orange-yellow beard. 42 in.
- Dream.** A clear, even pink. A delicate and beautiful Iris. 36 in.
- Lent A. Williamson.** Standards lavender-violet; falls velvety pansy-purple; brilliant orange beard. Massive flowers of wonderful texture. 48 in.
- Lord of June.** Standards lavender-blue; falls rich violet-blue; fine fragrance. 40 in.
- Magnifica.** Standards light violet-blue; falls dark reddish violet with brown stripes at base. 48 in.
- Medrano.** Rich rose-purple; falls encrusted with dark maroon, flecked with buff and lavender. 28 in.
- Monsignor.** Standards satiny violet; falls velvety purple-crimson, with lighter margin; very large flower. 30 in.
- Mother of Pearl.** Pale bluish lavender, of exceptional substance and texture. 48 in.
- Nibelungen.** Standards fawn-yellow; falls violet-purple with fawn margin. A handsome, large-flowering variety. 30 in.
- Opera.** Standards reddish lilac; falls purple-violet, dark and velvety. 30 in.

### STANDARD IRIS GERMANICA, con.

- Pallida Dalmatica.** Standards and falls clear lavender-blue, shading to pale silvery blue at the base; sweetly scented. 40 in.
- Powhatan.** Standards light bishop-violet with deeper border; falls deep purple, shaded crimson; horizontal spreading flower. 36 in.
- Queen Caterina.** A large iridescent pale lavender-violet with yellow beard. 36 in.
- Seminole.** Standards dark violet-rose; falls rich velvety crimson; brilliant orange beard. 24 in.
- Shekinah.** Soft lemon-yellow, deepening to rich yellow around its bright orange beard. 36 in.
- Souv. de Mme. Gaudichau.** A brilliant velvety black-purple. Free blooming. 40 in.
- Taj Mahal.** A very fine white having a smooth, lustrous texture. 36 in.
- White Knight.** A beautiful pure white Iris of fine form and delicately scented. 28 in.
- Wyomissing.** Standards creamy white, suffused soft rose; falls deep rose base, shading to flesh-colored border. 28 in.
- Price, 25c. each; doz., \$2.50; \$4.50 for 25
- Mixed German Iris.** 15c. each; doz., \$1.50; \$10.00 per 100.

### Iris Kaempferi • Japanese Iris

The King of all Iris, and in popularity they can be classed with the hardy phlox and peonies. Coming into flower about the middle of June, they continue for five to six weeks and are particularly welcome at this time. They succeed in almost any soil and like plenty of water when forming their flower-buds.

- Astarte.** Double; beautiful dark violet.
- Circe.** Double; dark violet-blue, delicately veined with white.
- Eumee.** Single; deep violet-blue.
- Gekka-no-Nami.** The best early white. Very free. Pure glistening white with creamy center.
- Gold Bound.** A fine double pure white, enriched by a creamy glow from the gold-banded center.
- Helene.** Double; blue ground, slightly veined with dark blue.
- Hercules.** Double; clear lilac-blue.
- Iphigenia.** Double; deep Chinese lilac.
- Kuma-Funjin (Excited Bear).** Falls purple-blue; stigmas lighter; long orange bars. Six petals. Very tall grower.
- Mahogany.** Large, double flowers of purple-mahogany-red, the erect petals being prettily crested. The latest to bloom.
- Melpomene.** Double; soft blue, distinctly veined with dark blue.
- Patrocle.** Single; superb deep reddish violet.
- Proserpine.** Single; bright rich blue, produced by sanding of velvety blue on white.
- Purple and Gold.** Enormous, double flowers, 10 inches across, rich violet-purple, with white petaloids, tipped violet; the conspicuous golden throat extends outward in sharp bluish white rays. Early and free blooming.
- Reine de Bulgarie.** Soft lilac, lemon-yellow throat. Very good.
- Ski-no-Ray.** Double; blue and white.
- Templeton.** Double; light violet, mottled reddish pink and white. Very fine form.
- Price, 35c. each; doz., \$3.50
- Mixed Japanese Iris.** All colors and shades. 25c. each; doz., \$2.50; \$15.00 per 100.

### Iris cristata • Crested Dwarf Iris

A tiny native species growing from 4 to 6 inches high, with delicate, pale lilac flowers in May and June.

#### Iris sibirica

- Emperor.** Rich violet-blue. 36 in.
- Snow Queen.** Pure white. 24 in.
- Sibirica, Perry's Blue.** A recent introduction with very large, clear blue flowers on long stems.
- Price, Iris cristata and I. sibirica, 25c. each; doz., \$2.50; \$4.50 for 25

### Iris intermedia

These bloom earlier than *Iris germanica*.

- Florentina.** Very early. Large, nearly pure white flowers; delightfully sweet scented. 30 in.
- Hege.** Standards creamy yellow, falls deeper, veined yellow. 20 in.
- Kharput.** Standards violet; falls deep purple-violet, very long; beard white; very large flower. 30 in.
- Kochi.** Standards and falls rich claret-purple. Early, compact, and handsome. 24 in.
- Spectabilis.** Violet-purple. Very free flowering.
- Walhalla.** Standards lavender-blue; falls rich violet-purple; immense flower. 30 in.
- Price, 25c. each; doz., \$2.50; \$4.50 for 25

### Iris verna

A delightful companion to the chaste *Iris cristata*. The flowers are of a deeper hue and delightfully fragrant. An exquisite native for a shady spot. 35c. each; doz., \$3.50.

### \*Iris pumila Hybrids

An early-flowering type, growing from 10 to 12 inches high.

- Butterfly.** Pale yellow, spotted brown. 8 in.
- Cyanea.** Rich royal purple. 10 in.
- Dixmude.** Large, uniform deep blue flowers. 10 in.
- Floribunda.** Creamy yellow. 10 in.
- Florida.** Very large; pale creamy yellow. 10 in.
- Schneekuppe.** Pure white. 8 in.
- Price, 25c. each; doz., \$2.50; \$4.50 for 25



Border of *Iris germanica*

## MICHELL'S HARDY PERENNIAL PLANTS



Lupinus

### Liatris • Blazing Star; Gayfeather

**Pycnostachya.** Showy, attractive native plants, succeeding anywhere and producing spikes of light rosy purple flowers in July and August. 5 ft.

**Scariosa.** Deep purple flowers. 3 to 4 ft.  
Price, 25c. each; doz., \$2.50; \$4.50 for 25

### Lily-of-the-Valley

Bundles of pips, 50c. each; doz., \$5.00.

### \*Linum • Flax

**Perenne.** A desirable plant for the hardy border or rockery. Light, graceful foliage and large blue flowers all summer. 25c. each; doz., \$2.50; \$4.50 for 25.

### Lobelia

Handsome border plants thriving in any good garden soil but preferring a moist loam where they will not suffer from drought.

**Cardinalis.** Cardinal Flower. Rich fiery cardinal flowers.

**Syphilitica.** Great Lobelia. A choice selection of our native Lobelia with large spikes of blue flowers. 2 to 3 ft. July-Sept.

Price, 30c. each; doz., \$3.00; \$5.50 for 25

### Lupinus • Lupins New English Hybrids

Truly a wonderful innovation in Lupins. These New English Hybrids created the most flattering comment in England and were awarded gold medals at all exhibitions. We offer these in five distinct color groups, selected from named varieties:

**Group A.** Bronze, Apricot, Yellow, Orange.

**Group B.** Rose, Pink, Flesh, Buff.

**Group C.** Purple, Mahogany.

**Group D.** Blue, Lavender.

**Group E.** Cream, White.

Price, 50c. each; doz., \$5.00

**Polyphyllus.** These flower in May and June and are 3 to 4 feet high. **Blue** (very showy), **White**, or **Pink**. 30c. each; doz., \$3.00; \$5.50 for 25.

### Lythrum

**Roseum superbum.** Rose Loosestrife. A strong-growing plant, thriving in almost any position. Large spikes of rose-colored flowers from July to September. 3 to 4 ft. 25c. each; doz., \$2.50; \$4.50 for 25.

Varieties marked \* are especially suitable for rock-gardens

### Lychnis • Campion

**Chalcedonica.** A most desirable plant with heads of brilliant orange-scarlet flowers in June and July. 2 to 3 ft.

**Viscaria fl.-pl.** Forms a dense tuft of evergreen foliage and in June sends up spikes of handsome, double, deep red flowers. 1 ft.

Price, 30c. each; doz., \$3.00; \$5.50 for 25

### Lysimachia

**Clethroides.** Loosestrife. A fine hardy variety, about 2 feet high, with dense, recurved spikes of white flowers from July to September.

**\*Nummularia.** Creeping Jenny; Moneywort. Valuable for planting under trees or shrubs where grass will not grow; it quickly forms a dense carpet.

Price, 25c. each; doz., \$2.50; \$4.50 for 25

### \*Mazus

**Rugosus.** Loose, trailing masses of blue-and-white flowers, speckled with gold in the throat. Splendid for flagging and carpeting. 25c. each; doz., \$2.50; \$4.50 for 25.

### Mertensia • Bluebells

**Virginica.** Virginia Bluebells; Cowslip. An early spring-flowering plant growing 1 to 1½ feet high, with drooping panicles of handsome light blue flowers fading to clear pink. May, June. 25c. each; doz., \$2.50; \$4.50 for 25.

### Monarda • Bergamot

**Didyma, Cambridge Scarlet.** Oswego Tea. Crimson-scarlet.

**Didyma rosea.** Bee-Balm. Flowers rose-color. Sweetly fragrant foliage. 1½ ft. July-Sept.

Price, 25c. each; doz., \$2.50; \$4.50 for 25

### Nepeta

**\*Mussini.** An excellent plant for rock-gardens, being a compact grower and forming tufts of small violet-blue flowers during July and August. 25c. each; doz., \$2.50; \$4.50 for 25.

### Oenothera • Evening Primrose

Elegant subjects for growing in an exposed, sunny position, blooming the greater part of the summer.

**Missouriensis.** Large; golden yellow. 1 ft.

**Youngi.** Bright yellow flowers. 1½ ft.

Price, 30c. each; doz., \$3.00; \$5.50 for 25

### Pachysandra

**Terminalis.** An evergreen, trailing plant with thick, glossy green foliage forming a dense mat 6 to 8 inches high. Small flower-spikes of grayish white, in May and June. One of the finest ground-covers for either sunny or shaded locations. Strong plants from 2¼-in. pots, 15c. each; doz., \$1.50; \$10.00 per 100; per 1000, \$90.00. Strong plants from 3-in. pots, 25c. each; doz., \$2.50; \$15.00 per 100; per 1000, \$125.00.

### Penstemon • Beard Tongue

Most useful showy perennials for either the border or rockery. They are perfectly hardy.

**Barbatus Torreyi.** Spikes of brilliant scarlet flowers. 3 to 4 ft. June-Aug.

**Coral Gem.** Coral-pink flowers in large spikes.

**Digitalis.** Large spikes of long purplish white flowers with purple throats, during June and July. 2 to 3 ft.

Price, 25c. each; doz., \$2.50; \$4.50 for 25

### Physalis • Chinese Lantern Plant

**Francheti.** An ornamental variety of the Winter Cherry, forming dense bushes about 2 feet high and producing freely bright orange-scarlet, lantern-like fruits. Highly interesting. 25c. each; doz., \$2.50; \$4.50 for 25.

### Physostegia • False Dragonhead

One of the most beautiful of our midsummer flowering perennials, forming dense bushes 4 to 6 feet high. Its spikes of delicate tubular flowers are not unlike a gigantic heather.

**Grandiflora, Vivid.** A new variety growing from 1½ to 2 feet high and bearing a profusion of bright violet-mauve flowers.

**Virginica.** Bright but soft pink.

**Virginica alba.** Pure white. Very fine.

Price, 25c. each; doz., \$2.50; \$4.50 for 25

### Platycodon

Balloon Flower; Japanese Bellflower

The Platycodons are closely allied to the campanulas, and form neat, branched bushes of upright habit.

**Grandiflorum.** Deep blue, cupped, star-shaped flowers.

**Grandiflorum album.** A white-flowered form of the above.

Price, 25c. each; doz., \$2.50; \$4.50 for 25

### Poppies • Papaver

Oriental • Papaver orientale

**Bracteatum.** Rich blood-red.

**Mrs. Perry.** Soft shade of salmon-rose. Beautiful large flower. This variety should be in every garden.

**Olympia.** A new, double, brilliant scarlet variety overlaid with golden salmon—a most beautiful combination. The earliest to bloom.

**Oriental.** Very large orange-scarlet flowers.

**Perry's White.** Pure satiny white with a bold crimson blotch at the base of each petal. 50c. each; doz., \$5.00.

Price, except where noted, 30c. each; doz., \$3.00; \$5.50 for 25

### Iceland • Papaver nudicaule

The graceful foliage is surmounted with a mass of stems a foot high, which terminate in a beautiful cup-shaped flower. Blooms the entire summer.

**El Monte.** A new California introduction. Very large flowers on strong, wiry stems for cutting. Mixed colors.

**Orange, Yellow, White.** Each color separate.

Price, 30c. each; doz., \$3.00; \$5.50 for 25



Oriental Poppy, Olympia



## Michell's Giant-flowering Peonies

These are the most popular June flowers, next to roses, and justly so, for they lend themselves to almost any style of planting, while, for the little care required, they give a variety of color and wealth of bloom unequalled by any other plant. Their requirements are few; they will succeed in any good garden soil in an open, sunny position. Care should be taken, however, to keep all fresh manure away from the roots—if barnyard manure is used it must be thoroughly decomposed; if you are unable to procure this, bonemeal makes a good fertilizer. Peonies may be planted any time after September 1 until the ground freezes in the autumn, and in the early spring until the season is too far advanced. The best time, however, is during September and October, as they make roots during the moist, cool weather of autumn and consequently carry through the winter in better shape. The roots should be set so that the top or upper eyes are about 2 or not more than 3 inches below the level of the soil; do not set the roots flat, but stand them up. For the best

results, Peonies should be planted from 3 to 4 feet apart each way, according to the space at your disposal; the ground around them should be well cultivated at all times, and in the spring, after growth starts, they should have an abundance of water if the season is at all dry. When cutting the flowers, always leave one or two bottom leaves; it is best to leave a few flowers on the plant also, as it is of vital importance that sufficient foliage be left to develop the eyes under the ground for next season's growth. Newly planted roots may not develop a characteristic flower the first season; in fact, it is usually not until the third year that perfect flowers, true to description, will be produced. Peonies are seldom troubled with any disease or insect pests. Ants sometimes appear on the buds, coming to gather a sweet gum which the bud exudes while developing; they will do no harm and will disappear when the flower opens.

**Adolphe Rousseau.** Semi-double type; early midseason. Very tall, strong grower with erect, stiff stems and large, perfectly formed flowers of dark velvety red, with garnet hues and a distinct metallic reflex. 75c. each.

**Avalanche.** Double type; late midseason. Large, blush-white flowers with a very narrow crimson edge to a few petals. Medium height, free flowering, and a very popular white, suitable for cut-flowers. A strong grower. 75c. each.

**Baroness Schroeder.** Rose type; late midseason. Flesh white, fading to milk-white. Immense, globular flowers of perfect form, very lasting substance, ideal for cutting. Does fine in southern localities. 75c. each.

**Edulis Superba** (Decoration Day Peony). Crown type; very early. Beautiful bright, clear mauve-pink with silvery reflex. 50c. each.

**Eugene Verdier.** Crown type. Beautiful, cup-shaped, flesh-pink flowers, with collar shaded yellow and salmon, and outer guard petals lilac-white; fragrant. Rather a dwarf grower, but very upright. Blooms in late midseason, but the buds always open well. 50c. each.

**Felix Crousse.** Rose type; late midseason. Rich, dazzling ruby-red without a tinge of purple. None better. 50c. each.

**Festiva Maxima.** Rose type; early. The finest white in existence. Pure white with clear carmine spot on edge of center petal. 50c. each.

**Georgiana Shaylor.** Rose type; late midseason. Large, globular, compact, flesh-pink flower with wide, graceful petals. 75c. each.

**Karl Rosenfield.** Semi-rose type; midseason. Very large, globular, compact, rich dark crimson flower. Unusually strong, tall, compact grower and free bloomer. 75c. each.

**Marie Jacquin.** Sometimes called the "Water Lily Peony" on account of the pleasing cupped form; midseason. Large, globular, semi-double flowers, but coming single on young plants, the laterals blooming about the same time as the terminal flowers. Color, glossy rose-white. 75c. each.

**Mme. Emile Lemoine.** Semi-rose type; midseason. Large, globular, compact flower, glossy white on first opening, overlaid with minute lilac dots. Very beautiful and one of the finest white varieties. 75c. each.

**Mons. Dupont.** Double type; late midseason. Large white flowers with a yellow glow from buried stamens and very conspicuous crimson blotches on central petals. A tall grower, very free flowering, and one of the thoroughly good Peonies. 50c. each.

**Mons. Jules Elie.** Bomb type; early midseason. Very large flower of ideal glossy shell-pink, shading to a deeper rose at the base, the entire flower overlaid with a sheen of silver; fragrant. Medium height; prolific bloomer. 75c. each.

**Mons. Martin Cahuzac.** Semi-rose type; midseason. A perfect ball of deep maroon with garnet hues and brilliant black lustre, claimed by some to be the darkest Peony in existence. A very distinct and handsome variety. \$1.50 each.

**Primevere.** Anemone type; midseason. Medium-sized flowers, with creamy white guards and centers of narrow yellow petals. A tall grower and very free flowering. Probably the most desirable and dependable of the so-called "yellow" Peonies. \$1.00 each.

**Richard Carvel.** Double type; very early. Large bright crimson flowers, with broad guard petals and irregular incurved high center. A tall grower and very free flowering. The most valuable very early red and very good for cutting. 75c. each.

**Sarah Bernhardt.** Semi-rose type; late midseason. Very large flowers of perfect form, full and double, with twisted, imbricated petals of apple-blossom-pink, each silver-tipped. 75c. each.

**Therese.** Rose type; midseason. Very large, beautiful soft pink flower with a glossy reflex. Very fragrant. Erect, strong, and amazingly free flowering. \$1.00 each.

**Venus.** Midseason. Exquisite pointed buds, opening into large, compact, pale hydrangea-pink flowers with collar lighter; very fragrant. 50c. each.

**Walter Faxon.** Semi-rose type; midseason. Large, globular flowers of perfect form, bright rose-pink with salmon shadings. A most distinctive variety of wonderful lasting qualities. One of the best pinks. \$1.00 each.

### Peonies in Color

We can supply good strong roots in separate colors, or all colors mixed, at prices quoted below. These should not be compared to the cheap mixtures sometimes offered at a low price, as they are, for the most part, choice varieties from which the labels have been lost, or have been mixed in planting. Some very choice Peonies will be found in these mixtures.

<b>Double Pink</b>	<b>Double White</b>	<b>Double Red</b>
Price, 35c. each; doz., \$3.50; \$25.00 per 100		

### PERENNIAL GARDENS

By ORTLOFF

88 pages

Price \$1.25



## MICHELL'S HARDY PERENNIAL PLANTS



Phlox subulata

### Superb Hardy Phloxes

#### GIANT NEW HARDY PHLOXES

**Columbia.** Plant Patent No. 118. Rich cameo-pink of a clearness of tone that is remarkable, with faint blue eye. The blooms do not fade or lose any of their rich pink tone as the flower ages. Continues in bloom longer than other Hardy Phlox. A well-grown, two-year plant will produce from 6 to 15 flower-spikes. 35c. each; doz., \$3.00; \$5.50 for 25.

**Count Zeppelin.** An improvement on Europa. Very large white blooms with deep crimson eyes. A strong grower with no fading or suffusion of the colors. Best of the calico type.

**Daily Sketch.** Extra-large trusses and individual flowers of light salmon-pink, with very faint carmine eye. An outstanding variety.

**Leo Schlageter.** One of the very best red Phloxes. Strong, healthy grower, with well-branched, pyramidal clusters of large individual bright carmine-scarlet flowers, with slightly darker centers. Resistant to rain and heat.

Price, except Columbia, 50c. each; doz., \$5.00

**Antonin Mercie.** Delicate lavender, suffused bluish lilac.

**Baron von Dedem.** Deep pink, suffused orange; immense trusses.

**B. Comte.** Brilliant rich French purple.

**Beacon.** Brilliant cherry-red flowers on straight, strong stems. An excellent variety and one of the best of its color. 3 ft.

**Commander.** Brilliant crimson-red, with darker eye.

**Deutschland.** The brightest red Phlox ever introduced. Brilliant red with crimson eye.

**Eclairer.** Brilliant rose-magenta with lighter halo.

**Enchantress.** Bright salmon-pink. Vigorous grower.

**Firebrand.** Bright vermilion-scarlet with deeper center; large trusses. Strong grower.

**Jules Sandeau.** Dwarf. Very large pure pink flowers.

**Mrs. Jenkins.** The best pure white.

**Mrs. Milly van Hoboken.** Enormous trusses of bright pink flowers. Very showy and outstanding.

**Painted Lady.** Silver-pink with salmon shadings and cherry-red eye. A strong, upright grower with large masses of flowers. One of the most delicately colored and pleasing varieties.

**Rheinlander.** Deep salmon-pink with a distinct bright red eye.

**Rijnstroom.** Fine Phlox with gigantic flowers of a bright pink. Quite tall. Continues in bloom till frost.

**Thor.** Deep salmon-pink, suffused with scarlet, white halo surrounding the aniline-red eye.

Price, extra-strong roots which will flower next season, 25c. each; doz., \$2.50; \$4.50 for 25

Varieties marked \* are especially suitable for rock-gardens

#### Phlox suffruticosa

**Miss Lingard.** Pure white, with a lilac eye. Very early. 25c. each; doz., \$2.50; \$4.50 for 25.

#### \*Phlox subulata • Moss Pink

**Alba.** Moss Pink. Evergreen moss-like foliage, tucking close to the ground and covered completely with white star-like flowers in May.

**Apple Blossom.** A real addition to the Subulata class. Dwarf, compact grower, covered with a profusion of apple-blossom-pink flowers. New and rare.

**Atropurpurea.** Distinct form of Subulata. Rich French purple flowers. Very free flowering and outstanding.

**Blue Hill.** A uniform, compact grower, giving an early and a late fall crop of deep blue flowers.

**Fairy.** Pale blue with dark purple eye. Neat, compact grower. Very desirable rock-plant.

**Rosea.** Same as above but with pure pink flowers.

**Vivid.** A new introduction with bright rose-colored flowers.

Price, 25c. each; doz., \$2.50; \$4.50 for 25

#### Miscellaneous Varieties of Phlox

\***Amœna.** A beautiful plant, with soft rose-colored flowers. One of the best for rockeries or borders. 4 in. April, May. 25c. each; doz., \$2.50; \$4.50 for 25.

**Divaricata canadensis.** A patch of these makes a spring show hard to describe. The large heads of fragrant lavender flowers appear the latter part of April and May. 25c. each; doz., \$2.50; \$4.50 for 25.

**Divaricata Laphami.** A great improvement over Divaricata. The plant is more robust, the flowers larger and of a more intense shade of lavender-blue. 50c. each; doz., \$5.00.

#### \*Plumbago • Leadwort

**Larpenæ.** One of the most desirable border and rock-plants. It is of dwarf, spreading habit, growing 6 to 8 inches high and covered with deep blue flowers during the summer and fall months. 30c. each; doz., \$3.00; \$5.50 for 25.

#### \*Hardy Primula • Primrose

One of the first of the early spring flowers. They delight in a rich soil, preferably in a semi-shaded location.

**Veris.** English Cowslip. A mixture comprising the various shades of red and yellow. Fine plant for spring blooming.

**Vulgaris.** English Primrose. Beautiful light canary-yellow flowers in large trusses on long stems.

Price, 30c. each; doz., \$3.00; \$5.50 for 25

#### Pyrethrum

**Hybridum, Single-flowering.** A good old-fashioned perennial with flowers resembling colored daisies in June. Mixed colors only, ranging from pure white to dark red.

**Uliginosum.** Giant Daisy. Grows 3 to 4 feet high and is covered with large, white, daisy-like flowers, 3 inches in diameter, from July to September.

Price, 25c. each; doz., \$2.50; \$4.50 for 25

#### \*Ranunculus • Crowfoot; Buttercup

**Acris fl.-pl.** A double-flowered form of our common Buttercup. 2 ft. May, June.

**Repens fl.-pl.** Bachelor's Buttons. A pretty, double-flowering, golden Buttercup. Masses of flowers during May and June.

Price, 25c. each; doz., \$2.50; \$4.50 for 25

#### Rudbeckia • Coneflower

Indispensable plants for the hardy border, growing and thriving anywhere and giving a wealth of bloom suitable for cutting.

**Golden Glow.** A well-known popular plant. Robust grower, attaining a height of 5 to 6 feet, with masses of double, golden yellow, cactus-dahlia-like flowers from July to September.

**Newmanni.** Dark orange-yellow flowers, with deep purple cones, on good stiff stems 3 feet high. July-Sept.

**Purpurea.** Giant Purple Coneflower. Flowers about 4 inches across, of a peculiar reddish purple, with a remarkably large cone-shaped center of brown. The bushy plants, 3 feet high, bloom from July to October.

Price, 25c. each; doz., \$2.50; \$4.50 for 25

#### Salvia • Meadow Sage

Perennials with strikingly beautiful, orchid-like blooms, that make them welcome in the herbaceous border. Leaves are used in medicine and for the kitchen.

**Azurea grandiflora.** Rocky Mountain Sage. Sky-blue flowers in greatest profusion during August and September. 6 ft.

**Pitcheri.** Similar to Azurea but of more branching habit and larger flowers of rich gentian-blue. 3 to 4 ft.

**Virgata nemorosa.** An interesting plant for the hardy border. Flower-spikes bear many-flowered whorls of dark blue blossoms. The unexpanded buds are light violet-blue, forming a pleasing color combination. It continues in flower for about six weeks during the early summer months. 1½ ft.

Price, 30c. each; doz., \$3.00; \$5.50 for 25

#### \*Saponaria • Soapwort

**Ocymoides splendens.** A good subject for the border or rockery, producing masses of bright rose-pink flowers with great freedom. 25c. each; doz., \$2.50; \$4.50 for 25.

#### Scabiosa

**Caucasica.** Delicate lavender-blue flowers in June and lasting well through the summer.

**Caucasica alba.** Like the above, but white flowers.

**Caucasica, Giant Blue, Isaac House Strain.** A fine improvement in the Caucasica type. Flowers larger and with longer stems, ranging from light lavender to dark blue. Excellent for cutting.

Price, 30c. each; doz., \$3.00; \$5.50 for 25



Planting of Primula veris

## MICHELL'S HARDY PERENNIAL PLANTS

### Sedum • Stonecrop

#### \*Dwarf Varieties

Suitable for the rockery and covering of graves, etc.

**Acre.** Golden Moss. Green foliage. Bright yellow flowers.

**Album.** Dark green foliage. Pure white flowers in June.

**Anglicum.** Rosette of gray-green foliage. Delicate pink flowers.

**Ibericum.** Numerous deep rose flowers among dark green foliage.

**Oppositifolium.** Pinkish white flowers.

**Sieboldi.** Round, succulent, glaucous foliage with bright pink flowers during August and September.

**Stahli.** A compact variety with crimson-tinted foliage in autumn.

Price, 30c. each; doz., \$3.00; \$5.50 for 25

#### Erect-Growing Varieties

Useful and pretty plants for the border, producing their interesting flowers during the late summer and fall.

**Spectabile.** Immense heads of handsome, showy, rose-colored flowers during the autumn. 1½ ft.

**Spectabile, Brilliant.** A bright amaranth-red form of the above.

Price, 30c. each; doz., \$3.00; \$5.50 for 25

### Solidago • Goldenrod

**Golden Wings.** The finest of the Goldenrods. Very showy plants, 5 feet high, with immense panicles of bright golden yellow flowers from July to September. 25c. each; doz., \$2.50; \$4.50 for 25.



Spiraea filipendula

### Spiraea • Spirea

Elegant border plants with feathery plumes of flowers and neat, attractive foliage. Succeeds best in a half-shaded location.

**Filipendula.** Dropwort. Numerous corymbs of white flowers on stems 15 inches high, during June and July. Fern-like foliage.

**Palmata.** Crimson Meadowsweet. The deep purple-red of the stems and branches passes into the crimson-purple of the broad corymbs of flowers, which are produced very freely during June and July. 3 ft.

**Ulmaria fl.-pl.** Meadowsweet. Double white flowers during July and August. 3 ft.

Price, 35c. each; doz., \$3.50

### Statice • Sea-Lavender

**Latifolia.** Great Sea-Lavender. Handsome plants with heads of dark blue flowers invaluable for cutting. The flowers, when dried, last for months. 1 to 2 ft. 25c. each; doz., \$2.50; \$4.50 for 25.

### Stokesia • Cornflower Aster

**Cyanea.** Very light blue.

**Cyanea alba.** Pure white.

Price, 25c. each; doz., \$2.50; \$4.50 for 25

### Sweet William • Dianthus barbatus

**Mitchell's Prize Mixture.** All colors. See color illustration on third cover page.

**Pink Beauty.** Sometimes called "Newport Pink." A lovely shade of salmon. Immense flower trusses. When massed it is a striking feature of the perennial garden. An extra-fine novelty.

Price, 25c. each; doz., \$2.50; \$4.50 for 25

### Thalictrum • Meadow-Rue

**Adiantifolium.** Beautiful variety with foliage like the maidenhair fern and miniature white flowers in June and July. 1½ to 2 ft.

**Aquilegifolium.** Graceful foliage like that of the columbine and rosy purple flowers from May to July. 2 to 3 ft.

**Intermedium.** Pale yellow flowers in July. 2 ft.

Price, 30c. each; doz., \$3.00; \$5.50 for 25

### \*Thymus • Thyme

**Citriodorus aureus.** The golden-leaved lemon-scented Thyme.

**Lanuginosus.** Woolly-leaved Thyme. Grayish foliage and rosy lilac flowers.

**Serpyllum albus.** White Mountain Thyme. Forms dense mats of dark green foliage with clouds of white flowers during June and July. 3 to 4 in.

**Serpyllum coccineum.** Scarlet Thyme. Dark green foliage and bright red flowers.

Price, 30c. each; doz., \$3.00; \$5.50 for 25

### Trillium • Wood-Lily; Wake-Robin

**Grandiflorum.** The largest white sort, and probably the handsomest. 15c. each; doz., \$1.50; \$2.75 for 25.

### Trollius • Globe-Flower

**Europæus.** Desirable, free-flowering plants with giant, bright yellow, buttercup-like blossoms on stems 1 to 2 feet high from May until August. Succeeds admirably in the border in a half-shady position in well-drained, preferably light soil. 35c. each; doz., \$3.50; \$6.50 for 25.

### Valeriana • Valerian

**Officinalis.** Hardy Garden Heliotrope. Showy heads of rose-tinted white flowers during June and July. 3 to 4 ft. 25c. each; doz., \$2.50; \$4.50 for 25.



Vinca (Periwinkle)

### Veronica • Speedwell

**Amethystina.** Amethyst-blue flowers on short spikes. One of the best. 1 to 3 ft. May, June.

**\*Incana.** Bright silvery foliage with spikes of amethyst-blue flowers during July and August. 1 ft.

**Longifolia subsessilis.** Japanese Speedwell. A strong grower and, undoubtedly, the finest of all the Veronicas. Rich blue flowers on tall spikes, fine for cutting. 3 ft. July, Aug. See color illustration on third cover page.

**\*Spicata.** Long spikes of bright blue flowers during June and July. An excellent border plant. 1½ ft. 30c. each; doz., \$2.75.

Price, except where noted, 30c. each; doz., \$3.00; \$5.50 for 25

### \*Vinca • Periwinkle; Myrtle

**Minor.** Green foliage. Lavender flowers. Extra-strong plants, 20c. each; doz., \$2.00; \$3.50 for 25; per 100, \$12.00.

**Minor, Bowles' Variety.** This new European form is more desirable in every respect than the common type. The foliage is broader and rich glossy green of strong texture. Flowers are not only larger but of a deeper rich blue and are borne with a remarkable profusion. 25c. each; doz., \$2.50; \$4.50 for 25.

### Viola

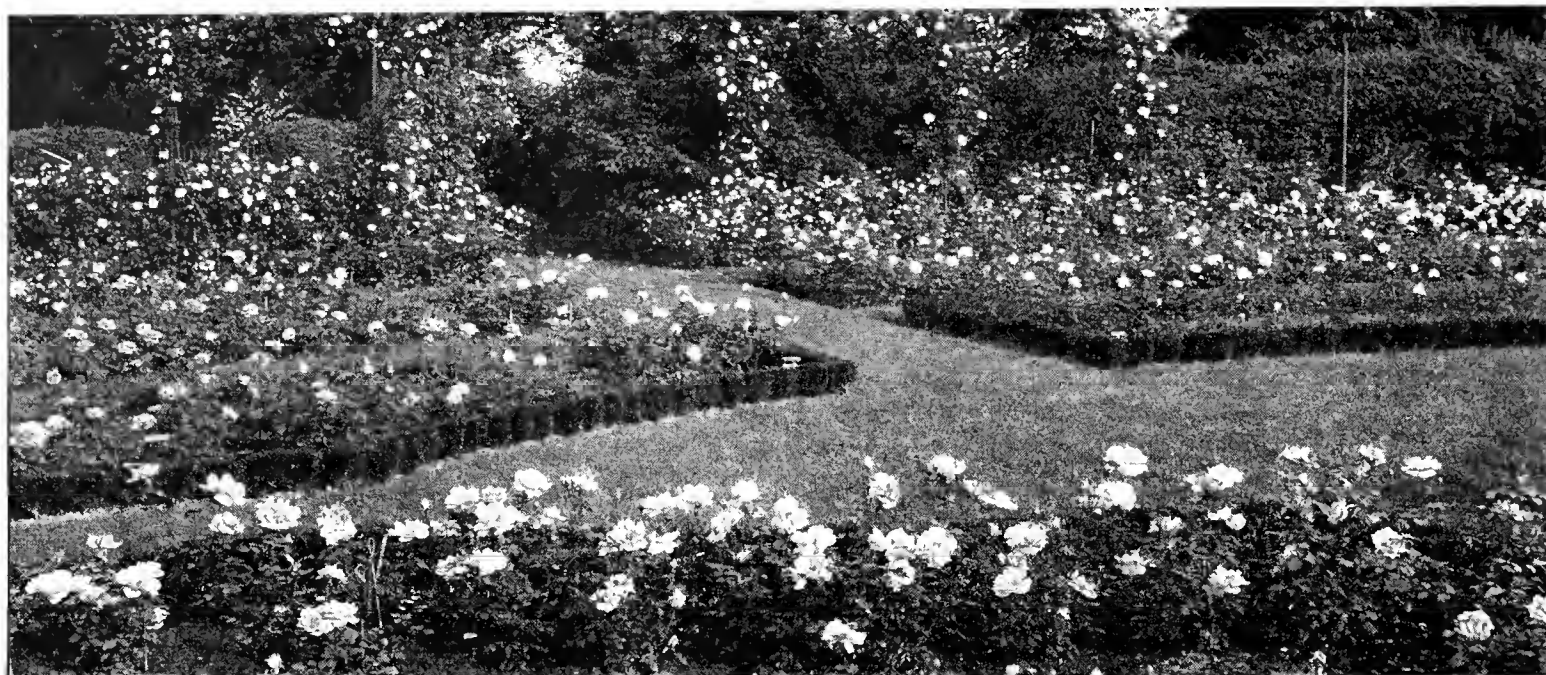
**Maggie Mott.** Large lavender flowers, heavy with fragrance. Maggie Mott brings a tradition of English gardens with her, worthy of the greatest expectations. Continuous blooming and dependable. 50c. each; doz., \$5.00.

**Rosina.** Exquisitely fragrant, rich rosy pink flowers, entirely different from any other Viola we have ever seen. In spring a mass of pink flowers appear before the foliage, with a continuous sprinkle of flowers until frost. Does well in a sandy soil and in a semi-shady position. 8 in. 35c. each; doz., \$3.50.

### Violet

**Double Russian.** Perfectly hardy anywhere, producing double, sweet-scented flowers in abundance. A fine subject for that troublesome shady place. 35c. each; doz., \$3.50.





## Michell's Dormant Field-Grown Hybrid Tea Roses

### FOR FALL PLANTING

Any of the following Hybrid Tea Roses, 75c. each; per doz., \$7.50. This includes free delivery to any address in the United States.  
6 Roses supplied at the dozen rate

Spring planting was formerly the rule, but now many of the most successful Rose-growers prefer to plant their Roses in the autumn, claiming that they have more success. Plants shipped in the dormant state take up very little room and may be safely shipped by Parcel Post.

If there is danger of the ground freezing before the arrival of the plants, protect the space where you wish to plant them by a covering of leaves or other loose litter. Plant as soon as they arrive, covering the bud with

at least one inch of soil. Mound the earth about 12 inches high around the base of the plants, thus covering the buds on the lower ends of the branches, which protects them from alternate freezing and thawing, so injurious to Rose bushes. Early in spring, before growth starts, but after danger of severe frost is over, remove this covering of earth and prune the plants.

**Autumn.** Novel and distinct in coloring—burnt-orange, streaked with red. Close, compact growth.

**Briarcliff.** A popular florists' Rose that has more than made good in the garden. Its size, form, color, stem, and foliage leave nothing to be desired. Large, glowing rose-pink blooms with delightful fragrance.

**Charles P. Kilham.** Brilliant orange-red blooms, suffused with scarlet, large, beautifully shaped, and slightly fragrant. Vigorous, upright grower, continuous bloomer, with healthy foliage.

**Columbia.** One of the most popular Roses—a vigorous grower and very free flowering. The blooms are a pleasing shade of rose-pink, large, fragrant, and perfectly formed.

**Dame Edith Helen.** Shapely buds and substantial blooms of clear pink, sweetly scented. A strong grower and very free bloomer.

**Edel.** A British introduction producing blooms of exhibition quality. The large, beautifully formed flowers are ivory-white, passing to pure white, and open well in all weathers; delightfully fragrant. Strong grower of uniform habit.

**Edith Nellie Perkins.** An outstanding Rose of vigorous growth and free-flowering habit. Long-pointed bud and very large, double, lasting, fragrant flower, with outside of petals Orient-red shaded cerise-orange, inside salmon-pink.

**E. G. Hill.** This red variety is very popular as a winter cut-flower, but is equally good for the garden. The double, high-centered blooms are bright scarlet, shading deeper as they develop. Vigorous grower and free bloomer.

**Etoile de Hollande.** A large, gorgeous, velvety scarlet Rose with beautiful blackish crimson buds. The well-formed, double flowers have a delightful old-fashioned Rose fragrance. Strong, vigorous, healthy grower and very free flowering. The best red.

**Gruss an Teplitz.** Everybody's Rose and grows everywhere. Most profuse-blooming Rose in existence. The flowers are of the richest scarlet, shading to a velvety crimson, and very fragrant. Constant bloomer.

**Joanna Hill.** Beautifully formed, flaring flower of deep, creamy white tinged with salmon and ochre-yellow at the base of the petals. Long-pointed buds. Vigorous, upright grower and profuse bloomer.

**Kaiserin Auguste Viktoria.** Old but still one of the best. Creamy buds and perfect blooms of dazzling snow-white, tinted slightly with lemon-yellow at center; fragrant.

**Lady Alice Stanley.** A majestic old Rose with very large silvery pink buds and blooms which are sweetly fragrant. Very sturdy plants and handsome, deeply veined foliage.

**Lady Margaret Stewart.** Blooms well shaped, brilliant orange-yellow, turning gold with age, and occasionally streaked with orange and red. Sometimes supersedes Rev. F. Page-Roberts.

**Margaret McGredy.** Bud very large and long-pointed; flower large, shapely, long-lasting, very double, fragrant, and brilliantly colored—a rich shade of Oriental-red, passing as it ages to carmine-rose. Vigorous and free flowering.

**McGredy's Scarlet.** One of the newer red Roses of marked superiority on account of its strong, vigorous growth, free and continuous habit of flowering, and its brilliant color, dazzling scarlet. The fragrant, full, double flowers are of good size. A beautiful Rose.

**Mevrouw G. A. van Rossem.** Buds glowing orange or apricot and flowers bright golden yellow, streaked and veined with orange; fragrant, large, and of perfect form. Handsome leathery foliage. Vigorous, upright; profuse bloomer.

**Miss Rowena Thom.** Enormous buds and blooms of fiery rose shaded with mauve—an unusual color. A profuse and continuous bloomer all season. Extremely vigorous.

**Mme. Butterfly.** One of the most popular garden Roses with light pink flowers faintly tinted with gold near the base of the petals, sweetly and richly perfumed.

**Mme. Edouard Herriot.** The famous *Daily Mail* Rose, known and loved for years. Its brilliant orange, red, and salmon shades have never been equaled in any of the newer Roses. A good grower and bloomer, it should have a place in every Rose-garden.

**Mme. Jules Bouche.** Considered the finest white garden Rose. Very vigorous, branching plants bearing glistening white flowers with an occasional touch of pink at center.

**Mrs. Aaron Ward.** Holly-like foliage and well-shaped little buds of golden buff, opening to double, attractively shaped flowers of tawny gold and pink. Fine low-growing bedding plant.

**Mrs. Pierre S. du Pont.** Beautifully shaped flowers of bright, unfading yellow and long-pointed buds of reddish gold make this one of the outstanding Roses in the garden. The blooms are very lasting and fragrant. Vigorous, compact; profuse, continuous bloomer.

**President Herbert Hoover.** A sensational Rose that continues to be extremely popular. Beautiful color combination—cerise-pink, flame, scarlet, and yellow. Lovely long-pointed buds. Moderately fragrant. Very vigorous; free bloomer.

**Radiance.** Considered by many as one of the best Roses in cultivation today, and has a host of admirers. It is a very vigorous grower, never out of bloom, and gives good results where many other Roses do not succeed. Its large flowers are rich pink on the outer surface of the petals and light silvery or flesh-color on the inner surface. Profuse bloomer.

**Red Radiance.** Like Radiance, of which it is a sport, this is another popular, easy-to-grow Rose that always gives results. Its bright cerise-red blooms are borne in constant profusion until late in the fall. Vigorous and upright.



# Fall-planted Roses start growing in the spring without any interruption

## HYBRID TEA ROSES, continued

**Souv. de Claudius Pernet.** The earliest and one of the best of our newer unfading yellow everblooming Roses. The beautiful, brilliant green foliage provides an attractive background for the exquisite, long-pointed buds and very large, full flowers of sunflower-yellow, deeper at center, and borne on long, stiff stems. Very vigorous.

**Talisman.** Immensely popular because of its gorgeous coloring—bright apricot, gold, and rose-pink, with reverse bright yellow, gold and pink. The flowers are of attractive shape and contrast beautifully with the glossy green foliage. Vigorous and free flowering.

**Ville de Paris.** Globular buds and big, bowl-shaped flowers of pure unblemished yellow that withstands all weather conditions. Good grower and profuse bloomer.

## New Hardy Climbing Roses

### BLAZE

The New Hardy Everblooming Scarlet Climber

*Plant Patent No. 10*

This Rose has literally taken the country by storm, and is steadily increasing in popularity—one Blaze planted in a garden means many orders for plants of this dazzling Rose from other members of the community. It has the blazing color of Paul's Scarlet Climber and the everblooming habit of Gruss an Teplitz, its parents. Very vigorous. Strong, 2-year plants, \$1.00 each.

### EASLEA'S GOLDEN RAMBLER

*Plant Patent No. 114*

A new outstanding climbing Rose from England, producing its comparatively large, double, rich golden flowers in large trusses. An additional quality is a delicious fragrance. Gold Medal, R. H. S., July, 1932; Cory Cup as the best new seedling climber or rambler Rose of British origin introduced in 1932. \$1.00 each; doz., \$10.00.

### THE NEW DAWN

The Everblooming Dr. W. Van Fleet

*Plant Patent No. 1*

This new Climber is like its parent, Dr. W. Van Fleet, in all respects, except that it blooms all season. It has the same long-pointed, flesh-pink buds and double flowers, glossy, healthy foliage, and vigorous growth that have made Van Fleet the Rose pre-eminent in its color and class. Strong, 2-year plants, \$1.50 each.

## Hardy Climbing and Rambler Roses

Any of the following Climbing and Rambler Roses, 75c. each; per doz., \$7.50. This includes free delivery to any address in the United States. Six Roses supplied at the dozen rate.

Fall-planted Roses start growing in spring without any interruption.

**Albertine.** One of the finest large-flowered Climbers. Its very large, handsome, soft coppery pink flowers contrast sharply with the bright vermillion buds. They come early in the season and are sweetly scented. Glossy foliage.

**American Pillar.** A very vigorous Climber with huge trusses of 2-inch, single, dazzling scarlet-rose flowers, having large white centers and golden yellow stamens.

**Bess Lovett.** Globular, semi-double flowers of bright crimson-red and intensely fragrant. Very vigorous, with long, flexible canes and fine foliage.

**Chaplin's Pink Climber.** A strong, husky Climber with large, single to semi-double, brilliant pure pink blooms in great profusion.

**Christine Wright.** The exquisite wild-rose-pink color of the very large, cupped, informal blooms, in enormous, long-stemmed sprays, makes this one of the most desirable Climbers. Sometimes blooms again in summer or fall.

**Climbing American Beauty.** A fine climbing Rose that bears a profusion of brilliant carmine buds and large blooms of lovely shape, in June.

**Dorothy Perkins.** An old favorite that has not yet been surpassed in the sheer delicacy of outline or beautiful color of its flowers. Its huge trusses of double pink blooms form an attractive sight. Very vigorous.

**Dr. W. Van Fleet.** One of the best-known and most popular of the large-flowering Climbers. Extremely vigorous in growth and reaches almost any height desired. The long-stemmed, beautifully formed, pale flesh-pink blooms equal the finest Hybrid Teas in beauty and are borne in abundance.



Dr. W. Van Fleet Roses

## HARDY CLIMBING AND RAMBLER ROSES, continued

**Emily Gray.** Shining, holly-like foliage and fragrant, unfading golden buff blooms make this an exceptionally attractive Climber. Its deep saffron-yellow buds add to its loveliness. Needs winter protection.

**Jacotte.** One of the best of the so-called yellow Ramblers. It has glossy, holly-like foliage and large, semi-double, brilliant apricot-orange flowers, fading lighter. Vigorous.

**Mary Lovett.** A favorite white climbing Rose, producing an abundance of its waxy white blooms on long, strong stems. Foliage very attractive.

**Mary Wallace.** This Rose has made a lasting place for itself. It is a very strong grower, with handsome foliage and an abundance of long-pointed buds, opening to very large, cupped, bright pink flowers having a luminous sheen.

**Mme. Gregoire Staechelin.** Sometimes sold as "Spanish Beauty." A stiff, erect Climber with intensely fragrant flowers of huge size and delicate pink color, stained claret-carminé on outer petals. Perfectly hardy, with disease-resistant foliage, and reaches a height of 12 feet or more.

**Paul's Scarlet Climber.** A brilliant scarlet Climber that holds its color until the petals fall. The loose clusters of medium-sized flowers make a dazzling display in the blooming season. Often blooms in autumn. Moderate grower.

**Primrose.** A lovely, unfading yellow Rose of vigorous climbing habit. Its handsome holly-like foliage forms a beautiful background for the large, very double, soft primrose-yellow flowers, 2½ inches across, in long-stemmed trusses of two to five.

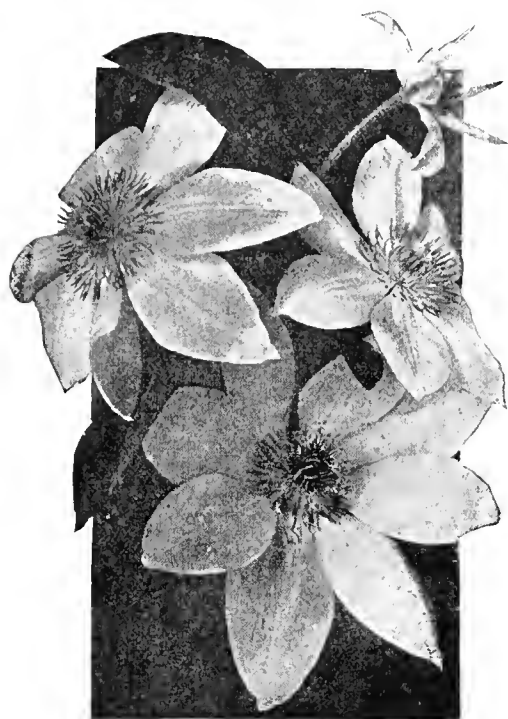
**Silver Moon.** Well known because of its enormous vigor, handsome foliage, and big, saucer-shaped, moon-white flowers with brilliant yellow stamens. Its long, well-shaped buds are creamy yellow, contrasting beautifully with the glossy, rich green foliage.

**White Dorothy.** A pure white sport of Dorothy Perkins with all its fine characteristics. Makes a lovely display in the blooming season.

## Rosa Hugonis, Golden Rose of China

In late April or early May this Rose provides one of the most beautiful sights in the garden. Every branch of the previous year's growth is closely set on both sides to the very tip with exquisitely beautiful, single, clear pale yellow flowers. The long, arching branches make Hugonis not only a beautiful shrub to plant with other shrubs if desired, but when cut are charming table decorations. It is ruggedly hardy everywhere in America, needing neither protection nor pruning, except to cut out the older shoots. Do not plant it among bush Roses, as it is too vigorous a grower to fit in such a planting. 75c. each.

# Michell's Climbing Plants and Vines



Clematis Henryi

**AKEBIA quinata.** A quick-growing vine with small, fine-lobed, half-evergreen leaves and purplish brown or chocolate-colored flowers, which have a delicious odor. Extra-strong plants, 35c. each; doz., \$3.50.

**AMPELOPSIS quinquefolia.** Virginia Creeper. The large, handsome, dark green leaves are deeply cut into five lobes, and in autumn turn a beautiful rich crimson. Especially adapted to covering tree-stumps and trunks. Extra-strong plants, 35c. each; doz., \$3.50.

**A. Veitchi.** Boston Ivy. The popular climber for brick and stone buildings and walls. Leaves beautiful deep green which in the autumn turns to a coppery red. Strong plants, 40c. each; doz., \$4.00.

**BIGNONIA grandiflora.** Trumpet Vine. A strong-growing, free-flowering vine with rich green foliage and trumpet-shaped, orange-red flowers. Strong plants, 75c. each.

**CELASTRUS scandens.** Bittersweet; Wax-wort. Rapid-growing vine that in early summer produces yellow flowers, which by autumn have turned to bright orange-colored fruits with red markings. Extra-strong plants, 35c. each; doz., \$3.50.

**CLEMATIS coccinea.** Pretty, bell-shaped, coral-red flowers from early June until late fall. 75c. each.

**C. crispa.** Sweet-scented, lavender flowers. 75c. each.

**C., Duchess of Edinburgh.** Large, double, white flowers in profusion. 75c. each.

**C. Henryi.** Large, single, creamy white flowers, borne in great profusion. Extra-strong pot-grown plants, 75c. each.

**C. Jackmani.** Intense violet-purple flower of enormous size. 75c. each.

**C., Mme. Edouard Andre.** Gigantic, velvety red, well-formed flowers of great substance. Extra-strong, pot-grown plants, 75c. each.

**C. montana rubens.** Identical in every way with the variety Undulata except that flowers are of a pleasing shade of soft rosy red—a most desirable color. Strong plants, 75c. each.

**C. montana undulata.** Anemone Clematis. A strong, vigorous, perfectly hardy type that succeeds under the most adverse conditions. The anemone or windflower-like white flowers flushed mauve, are from 1½ to 2 inches in diameter and frequently begin to open the last week in April, just when wisterias have finished flowering, continuing well throughout May. Strong pot-plants, 75c. each.

**Clematis paniculata.** Japanese Virgin's Bower. A strong, luxuriant grower, with light green foliage. Innumerable, star-like flowers cover the vine in a sheet of fragrant white in late August.

	Each	Doz.	100
Strong plants.....	\$0 30	\$3 00	\$20 00
Extra-strong plants...	50	5 00	

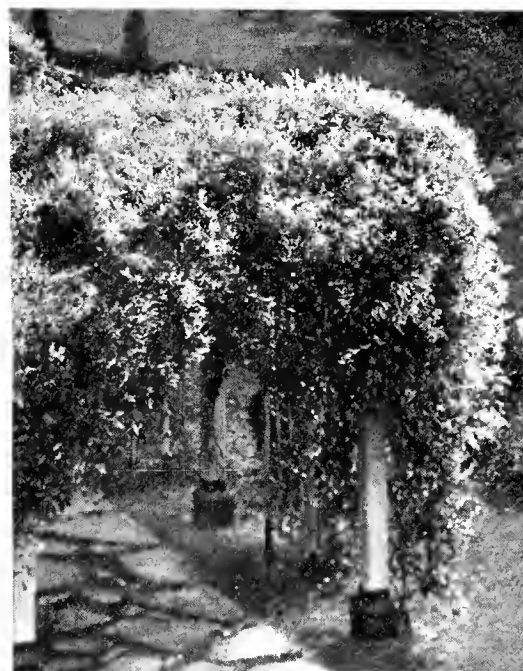
**C., Ramona.** A beautiful shade of lavender-blue. 75c. each.

**EUONYMUS radicans.** Self-clinging vine, suitable for covering walls, stumps, or rockeries, or wherever a vine of slow-growing habit is desired. Green foliage.

**E. radicans variegata.** Like the above but leaves are variegated.

**E. radicans vegetus.** Foliage is larger than that of Radicans and the plant produces an orange-colored berry which is retained the greater part of the winter.

Price, 35c. each; doz., \$3.50



Polygonum Auberti

**HONEYSUCKLE.** This favorite requires very little comment or description, always yielding a wealth of fragrant bloom.

**H., Chinese Evergreen.** Very fragrant, yellow and white variegated flowers the entire season.

**H., Golden Giant (Lonicera Tellmanniana).** A vigorous, hardy climber with extra-large, intense golden yellow flowers having the tube lightly shaded bronzy scarlet on the outside. Blooms profusely during the month of June and is perfectly hardy. A really fine new climber. Strong plants, 50c. each.

**H., Hall's (L. japonica Halliana).** Flowers pure white, turning to yellow, from June until frost. Hardy evergreen.

**H., Red Coral (Scarlet Trumpet).** Bright red, trumpet-shaped flowers all summer

**H., Variegated (L. japonica aureo-reticulata).** Foliage beautifully mottled yellow and green; flowers white and yellow.

Price, except where noted, strong plants, 35c. each; doz., \$3.50; \$25.00 per 100

**HOP VINE (Humulus japonicus).** A rapid grower with dark green foliage and bearing a profusion of seed-pods, suitable for many domestic purposes. Strong pot-plants, 25c. each; doz., \$2.50.

**IVY, English.** An invaluable plant for covering brick and stone walls and buildings. It rarely dies out and needs no attention.

	Each	Doz.	100
2¼-in. pots.....	\$0 15	\$1 50	\$10 00
4-in. pots.....	50	5 00	40 00

**LATHYRUS.** Hardy Pea. A fine plant for training on pillars, columns, and similar places. It flowers during the greater part of the summer and is really an excellent cut-flower, lasting well and very effective.

**L. latifolius.** Rich red.

**L., Pink Beauty.** Beautiful rose-pink.

**L., White Pearl.** Pure white flowers in giant trusses.

Price, strong plants, 25c. each; doz., \$2.50

**LYCIUM barbarum.** Matrimony Vine. A dense-growing climber of somewhat shrubby nature. In late summer the small purple flowers are followed by a crop of red berries, which remain until late winter. 50c. each; doz., \$5.00.

**POLYGONUM Auberti.** For porches, lattice-work, fences, pergolas, and buildings. A useful vine which is perfectly hardy. It is quick-growing—a small plant will make a growth of 25 to 30 feet the first summer. The snowy white flowers, borne in long clusters, turn rose-color with age. It will not cling to the wall, but will ramble over anything that will support it. Extra-strong, pot-grown plants, 50c. each; doz., \$5.00.

**WISTERIA.** This flowers in the latitude of Philadelphia during May. A strong, developed vine produces hundreds of flower panicles, while no foliage is visible until after the flower is faded.

**W. chinensis.** Chinese Wisteria. Pale blue; somewhat fragrant.

**W. chinensis alba.** A beautiful white-flowering form of the above.

Price, extra-strong plants, \$1.00 each

See Page 29 for Special Notice on Guarantee

See page 39 for Hardy Climbing Roses



Wisteria chinensis



# Hardy Decorative Flowering Shrubs

**ALTHÆA.** Rose of Sharon. These thrive almost anywhere, producing their bloom from July till September.

**A. albo-plena.** Pure white; double.

**A. atropurpurea plena.** Double; purple.

**A., Lady Stanley.** Semi-double; pale pink, splashed with carmine.

Price, strong 2 to 3-ft. plants, 75c. each

**AMYGDALUS alba fl.-pl.** Flowering Almond.

Erect, slender branches, covered in May with small, very double, fragrant white flowers.

**A. rosea fl.-pl.** Identical with the above, but has pink flowers.

Price, strong 2 to 3-ft. plants, \$1.00 each

**BRIDAL WREATH.** See *Spiraea prunifolia*.

**CALLICARPA purpurea.** Beauty Fruit. A

beautiful shrub growing about 3 feet high, covered in August with tiny pink-tinted flowers, followed in late September by violet-purple berries borne in clusters from the axil of every leaf, remaining until the middle of winter. Strong plants, 75c. each.

**CALYCANTHUS floridus.** Sweet Shrub.

Chocolate-colored, double flowers, with a peculiarly agreeable odor. Blooms in June. 2 to 3-ft. plants, 75c. each.

**CERCIS canadensis.** Judas-Tree; Redbud.

Tall, slender-growing shrub, developing eventually into a large tree. Very early in the spring the leafless branches are covered with small deep pink flowers. 2 to 3-ft. plants, \$1.00 each.

**CHASTE TREE.** See *Vitex Agnus-castus*.

**CHIONANTHUS virginica.** White Fringe. In

May and June the tree is covered with long, fluffy panicles of fine white bloom. Strong plants, 75c. each.

**CLETHRA alnifolia.** Sweet Pepperbush. Of

low growth, with numerous spikes of small, white, fragrant flowers in July. 2 to 3-ft. plants, 75c. each.

**CORNUS alba sibirica.** Coral Dogwood.

Branches bright coral-red, quite ornamental.

**C. mas aureo-elegantissima.** Variegated

Cornelian Cherry. A beautifully variegated shrub which should be planted more freely.

**C. stolonifera lutea.** Golden-twigged Dogwood. Bright yellow branches in winter.

Price, 2 to 3-ft. plants, 75c. each

**CRAB.** See *Malus*.

**CYTISUS Laburnum.** Golden Chain. A

large shrub with shining green leaves and long, drooping racemes of yellow flowers in the early summer. \$1.50 each.



Deutzia gracilis

**DEUTZIA.** The Deutzias are among the most useful of our summer-flowering shrubs. They are very attractive for planting individually or in masses.

**D. crenata rosea fl.-pl.** Double; white, tinged pink.

**D. gracilis.** Dwarf, bushy habit. White flowers.

**D. Lemoinei.** Rather low-growing with slender, arching branches and large clusters of graceful, white flowers in May.

**D., Pride of Rochester.** Large panicles of pinkish white flowers, with under side of the petals rose. June.

Price, 75c. each

**DOGWOOD.** See *Cornus*.

**EUONYMUS alatus.** Cork-barked Euonymus.

Small, delicate flowers in late spring, followed by attractive red berries in the fall. Curious corky bark. Brilliant autumnal foliage. Best for individual planting. 1½ to 2-ft. plants, 75c. each.



Forsythia spectabilis

**EXOCHORDA grandiflora.** Pearl Bush. A

medium-sized shrub, producing white flowers in clusters early in the spring. Strong, 1½ to 2-ft. plants, 60c. each.

**FLOWERING ALMOND.** See *Amygdalus*.

**FLOWERING CRAB.** See *Malus*.

**FORSYTHIA.** Golden Bells. The bright golden yellow, star-shaped flowers burst into bloom just as winter is leaving and while the bush is otherwise bare.

**F. Fortunei.** Erect-growing with dark green foliage.

**F. intermedia.** Vigorous grower with slender, erect or arching branches. April.

**F. spectabilis.** Strong, tall-growing plants with very large flowers completely covering the stems. The most profuse bloomer of all.

**F. suspensa.** Graceful, drooping tendency. Frequently planted on banks and slopes.

Price, 75c. each

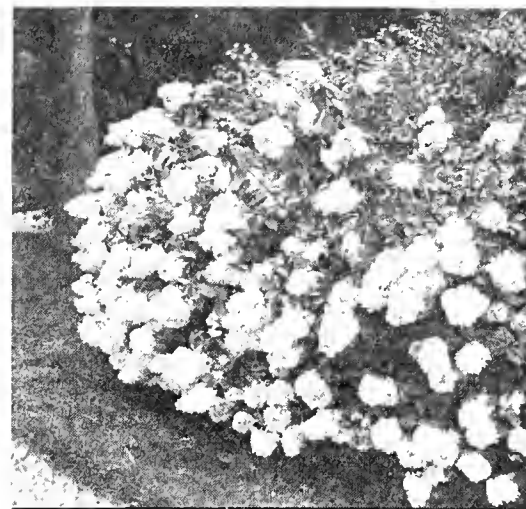
**GOLDEN BELLS.** See *Forsythia*.

**GOLDEN CHAIN.** See *Cytisus*.

**HONEYSUCKLE.** See *Lonicera*.

**HYDRANGEA arborescens grandiflora.**

Snowball Hydrangea. The snow-white blooms are of the largest size and come early in June, lasting until late in August. More hardy than any other sort and especially suited for shaded places. 2 to 2½-ft. plants, 75c. each.



Hydrangea paniculata grandiflora

**Hydrangea paniculata grandiflora.** The large panicles of white flowers are at their best during August; later they take on a reddish cast. Fine as single specimens on the lawn or grouped in large beds. Strong, 2-ft., bush-form plants, 75c. each.

**H. paniculata grandiflora, Standard or Tree Shaped.** These are fine planted as individual specimens in the lawn or in the center of beds containing other plants. 2 to 2½-ft. stems, with shapely heads, \$1.50 each.

**H. quercifolia.** Oak-leaved Hydrangea. A handsome, spreading shrub with striking foliage, turning to a beautiful red in autumn. The clusters of flat white flowers are produced freely in August. Strong, 1½ to 2-ft. plants, \$1.00 each.

**JAPANESE QUINCE.** See *Pyrus*.

**JASMINUM nudiflorum.** Fine for sheltered positions. Fragrant, yellow flowers early in spring. 75c. each.

**JUDAS-TREE.** See *Cercis*.

**LILAC.** See *Syringa*.

**LONICERA fragrantissima.** Honeysuckle. Fragrant white flowers in early spring. 75c. each.

**L. Morrowi.** Foliage dark green. Small white flowers in May. During the late summer and early autumn the plant is covered with bright red berries. 3-ft. plants, 75c. each.

**L. Ruprechtiana.** White flowers during May and June, followed by red fruit. Free flowering. 75c. each.

**MALUS floribunda.** Japanese Flowering Crab. One of the best of the Flowering Crabs. The warm rose-colored buds open to light pink flowers. It forms a shapely bush or small tree. 3 to 4 ft., \$1.50 each.

**M. ioensis plena.** Bechtel's Double-flowering Crab. A shapely little tree, producing quantities of very double, fragrant, soft pink flowers, resembling a small rose in formation. 2 to 3 ft., \$1.50 each.

**M. Parkmani.** Parkman's Flowering Crab. Rose-colored buds open into little rosy white flowers, succeeded by decorative fruits. The tree is of a rather spreading, irregular habit. 3 ft., \$1.50 each.

**MOCK ORANGE.** See *Philadelphus*.

**PEARL BUSH.** See *Exochorda*.

**PHILADELPHUS, Avalanche.** Dwarf Mock Orange. Slender, arching branches nearly covered with showy white, fragrant flowers. 75c. each.

**P., Bouquet Blanc.** Low, dense habit. Blooms very freely during May and June. Strong 2 to 3-ft. plants, 75c. each.

**P. coronarius.** Mock Orange. Handsome foliage and beautiful, fragrant, white flowers in May and June. 2 to 3-ft. plants, 75c. each.



## A few Shrubs will improve a yard 100 per cent



*Viburnum plicatum*

**PRUNUS triloba.** Double-flowering Plum. A shapely shrub of medium height, bearing, in early spring, semi-double, delicate pink flowers about 1 inch in diameter. Strong, 2 to 3-ft. plants, \$1.00 each.

**PYRUS japonica.** Japanese Quince. This shrub is a beautiful sight when covered, in the early spring, with cherry-red flowers about the size of an apple-blossom. After the flowers fall, many of them set fruit, which is edible, making the finest quince jelly or preserves. Extra-strong, 2-ft. plants, 60c. each.

**REDBUD.** See *Cercis*.

**RHUS Cotinus.** Purple Mist; Smoke Tree. This large shrub can be planted as a single specimen or in the mixed border. About mid-summer it is literally covered with clusters of feathered flowers, giving the appearance of a cloud of smoke or mist. Strong, 2 to 3-ft. plants, \$1.50 each.

**R. typhina laciniata.** Dwarf Cut-leaved Sumac. Low growth and fern-like foliage, colored in the fall months. 75c. each.

**ROSE OF SHARON.** See *Albæa*.

**SNOWBALL.** See *Viburnum*.

**SNOWBERRY.** See *Symphoricarpos*.

**SPIRÆA, Anthony Waterer.** Of dwarf, dense habit, bearing a profusion of crimson flowers. 2 ft., 60c. each.

**S. prunifolia.** Bridal Wreath. The pretty double white flowers are borne along the almost leafless stems about May 1, just as the leaves are budding. 3 ft., 60c. each.

**S. Thunbergi.** Delicate foliage and small white flowers in the early spring. 1½ ft., 60c. each.

**S. Vanhouttei.** The most beautiful of all white Spireas, flowering in May. 3 ft., 60c. each.

**SUMAC.** See *Rhus*.

**SWEET PEPPERBUSH.** See *Clethra*.

**SWEET SHRUB.** See *Calycanthus*.

**SYMPHORICARPOS racemosus.** Snowberry. Small red flowers, succeeded by white berries that remain on the plant through half the winter. 60c. each.

**S. vulgaris.** Red-fruited or Indian Currant. A well-known shrub with pink flowers and bright red fruit. 60c. each.

**SYRINGA, Charles X.** Lilac. A strong variety bearing large trusses of reddish purple flowers. \$1.00 each.

**S. japonica.** A very desirable free-flowering Lilac, bearing, during June and July, fragrant white flowers in large panicles. 75c. each.

**S., Marie Legraye.** Dwarf-growing variety, producing immense trusses of creamy white flowers. \$1.00 each.

**S. vulgaris.** Common purple, sweet-scented Lilac. 60c. each.

**S. vulgaris alba.** Pure white type of the above, but more fragrant. 75c. each.

**TAMARIX africana.** Strong, slender, upright grower, with panicles of feathery pink flowers in May. 2 to 3 ft., 60c. each.

**T. pentandra.** A distinct variety, bearing delicate sprays of soft pink flowers in July and August. Very light and feathery. 2 to 3 ft., 60c. each.

**VIBURNUM Carlesi.** A rare Korean variety and one of the most desirable semi-dwarf flowering shrubs, with clusters of wonderfully fragrant white flowers, shaded with pink. Strong plants, \$1.50 each.

**V. Opulus.** High-bush Cranberry. One of the most popular shrubs. Clusters of white flowers in June, followed by scarlet berries in autumn. Strong, 2 to 3-ft. plants, 75c. each.

**V. Opulus sterile.** Snowball; Guelder Rose. The popular white Snowball, full of large globes of white flowers in May. Strong, 2 to 3-ft. plants, 75c. each.

**V. plicatum.** Japanese Snowball. A desirable shrub that should be in every garden or lawn. Perfectly hardy. Blooms in June. Extra-fine 2-ft. plants, 75c. each.

**V. tomentosum.** Distinct from all other varieties in foliage and flower; the latter are more flat than those of other varieties and followed by decorative red fruits, changing to black. Strong, 2 to 3-ft. plants, 75c. each.

**VITEX Agnus-castus.** Chaste Tree. A shrub or small tree with dense spikes of pale lilac flowers from July to September. Strong, 2-ft. plants, 75c. each.



*Syringa, Marie Legraye*

**Vitex macrophylla.** Graceful and attractive shrub, growing 3 to 4 feet high, producing freely pretty lavender-blue flowers from July until frost. 75c. each.

**WEIGELA candida.** Flowers abundantly in June and July, also during the autumn months. The tube-shaped flowers are pure white. 2 to 3-ft. plants, 60c. each.

**W., Eva Rathke.** Erect habit. Deep carmine-red flowers. 2 to 3 ft., 75c. each.

**W. rosea.** Remarkably showy flowers. Spreading branches and dark green leaves. 60c. each.

**W. rosea nana variegata.** Silvery variegated leaves and pale pink flowers. 60c. each.

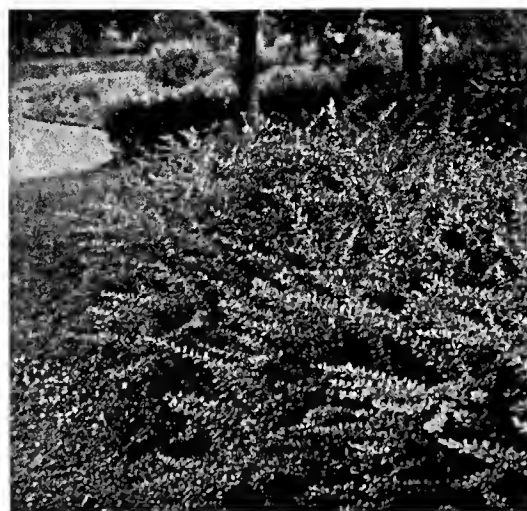
**WHITE FRINGE.** See *Chionanthus*.

## MICHELL'S CHOICE THRIFTY HEDGE PLANTS

### Japanese Barberry

A low-growing, branching shrub that makes a superb hedge or a good lawn specimen. Branches covered with thorns that turn cats and dogs. Foliage green in spring and summer, but turns to crimson in autumn. Brilliant scarlet berries remain all winter.

	Each	Doz.	100
12 to 15 in.....	\$0 20	\$2 00	\$15 00
15 to 18 in.....	30	3 00	20 00



*Japanese Barberry*

### New Red-leaved Japanese Barberry

This new Barberry is as richly colored as a brilliant Japanese maple. In fact, the color grows brighter as the season advances. When cool days come in autumn and a light frost touches the foliage, the leaves turn to shades of scarlet, crimson, and vivid orange. Plant it in full sun if you want the most brilliant colors. Use the Red-leaved Barberry for color in the shrub border, at corners, at curves along walks or drives, or as a boundary hedge.

	Each	Doz.	100
Strong, 1-yr., 12 to 15 in. . .	\$0 35	\$3 50	\$25 00
Strong, 2-yr., 15 to 18 in. . .	50	5 00	40 00

### California Privet

A popular hedge plant; grows anywhere, and is hardy except in severe winters when it may be damaged, but if cut back it soon recovers. Set plants a foot apart in zigzag fashion . . . . . in late autumn or early spring.

	Doz.	100	1000
1-yr., 18 to 24 in.....	\$1 25	\$6 00	\$50 00
2-yr., 24 to 30 in.....	1 50	8 00	70 00
2-yr., 30 to 36 in.....	2 00	10 00	90 00

### Golden or Variegated Privet

Like the California variety, but each leaf is margined and blotched golden yellow, giving it, from a distance, a striking appearance. 30c. each; doz., \$3.00; \$20.00 per 100.

# MICHELL'S SELECT FRUITS

## Choice Fruit Trees

Extra-strong stock

These can be shipped by express only.

### Apples

- Baldwin.** Large, round, deep red, late variety.
- Delicious.** A good late variety with rosy red fruit of good size. Truly delicious.
- Early Harvest.** Medium size; green and red; very sweet. Early.
- Fall Pippin.** Large; yellow; rich and delicious. A good bearer when it reaches maturity. Likes a moist, well-drained soil. A good autumn apple.
- Grimes Golden.** Late. Good size; yellow; fine flavor.
- Hyslop.** (Crab.) Large round fruit; deep red.
- Red Astrachan.** An old popular variety. Tart, juicy; flesh tinged with red. Very early.
- Rome Beauty.** Late. Yellow, shaded red; solid and juicy.
- Stayman's Winesap.** The best winter variety. Large; juicy, semi-sweet. Fine for eating and cooking. Prolific.
- Wealthy.** Late. Round; red; sweet. A good keeper.
- Yellow Transparent.** Early and desirable. Good color; juicy and semi-sweet.
- Price, 4 to 5 ft., \$1.50 each; per doz., \$15.00

### Apricot

- Early Golden.** Orange-yellow with faint blush; firm, coarse flesh. \$1.50 each; per doz., \$15.00.

### Cherries

- Black Tartarian.** (Sweet.) Large; purplish black. Immense bearer.
- Early Richmond.** (Sour.) Dark red; medium size; fine flavor.
- Montmorency.** (Sour.) Light red. Very productive.
- Schmidt's Bigarreau.** (Sweet.) A good late variety. Fruit large; flesh dark red, very firm, sweet, rich, and of good quality.
- Napoleon (Royal Ann).** The best and most profitable yellow sweet Cherry. Flesh very firm, juicy, and delicious.
- Price, 5 to 6 ft., \$1.50 each; per doz., \$15.00

### Peaches

We find that these are better planted in early spring and are therefore not offering them for fall delivery.

Our Spring Catalog, which will be issued early in January, will contain a complete list of Peaches and other stock for spring planting.

### Pears

- Anjou.** Fruit large, handsome; yellow with red blush; good flavor and late keeper. October.
- Bartlett.** Yellow, shaded blush; very sweet and juicy. Early.
- Clapp's Favorite.** An excellent table Pear. Large; fine-grained; yellow with crimson cheek. August.
- Duchess.** Large; buttery, rich, and juicy. A good standard variety. Fine keeper. October.
- Kieffer.** A fine variety for late autumn and for canning.
- Seckel.** Small; yellowish brown; very sweet and juicy.
- Price, 5 to 6 ft., \$1.50 each; per doz., \$15.00

### Quince

- Orange.** Large; golden color; good quality. Prefers low, well-drained soil. Excellent for jellifying with apples. Dwarf grower. 4 to 5 ft., \$1.50 each; per doz., \$15.00.

### Plums

- Abundance.** Amber, turning to a rich bright cherry color.
- Burbank.** Orange-yellow, overlaid red; rich and sugary.
- Diamond.** Fruit of enormous size; dark purple with a beautiful bloom. September.
- Imperial Green Gage.** Middle of August. A delicious, good-sized freestone, sweet and juicy, greenish in color.

Price, 5 to 6 ft., \$1.50 each; per doz., \$15.00

## Small Fruits

### Grape-Vines

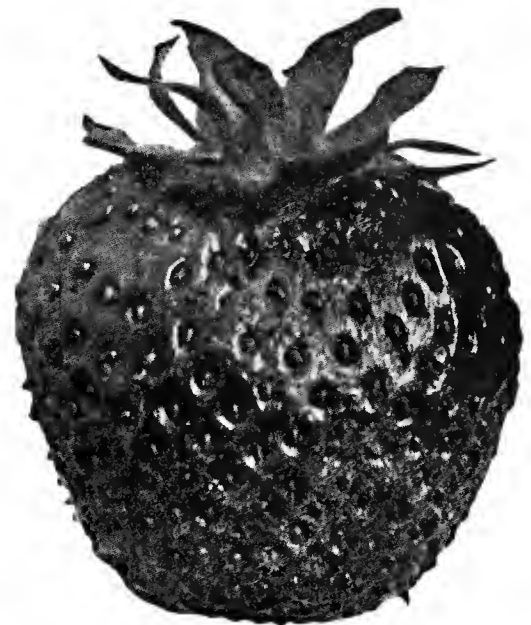
- Caco.** The most delicious of all Grapes and perfectly hardy. Berry red; bunch of good size, compact, and of good form. Ripens in 10 to 14 days before Concord. Rich in sugar, excellent in flavor. Vine a very strong, vigorous grower, healthy and prolific. 50c. each; per doz., \$5.00.
- Campbell's Early.** A valuable and delicious Grape. Vine very strong, hardy, and vigorous. Berries large, black, with light purplish bloom; flavor rich and delicious.
- Catawba.** Medium-sized, red berry of delicious flavor.
- Champagne.** A sterling variety of great merit. Berries very large, coppery red. Immense producer. Seasons in which other varieties did not fruit, this variety stood out, bearing an immense crop. Very strong grower. 50c. each; per doz., \$5.00.
- Concord.** The well-known standard purple variety that succeeds wherever Grapes will grow.
- Delaware.** Light red with violet bloom; sugary and delicious.
- Moore's Diamond.** A strong, healthy grower; hardy and productive. Berries white, large; flesh tender, juicy, but with little pulp. Ripens before Concord.
- Niagara.** An unusually strong grower. Bunches very large and compact; berries large, light greenish white, semi-transparent, with very little pulp and sweet to the center.
- Price, any of the above, excepting Caco and Champagne 2-year-old vines, 30c. each; per doz., \$3.00; \$20.00 per 100

### Blackberries

- Eldorado.** A very vigorous grower. Enormously productive of large fruit of excellent quality and without core.
- Ward.** An extra-strong grower that produces an enormous crop of extra-large, glossy black berries which are rich, sweet, and tender, with no hard core.
- Price, extra-strong plants, \$1.00 per doz.; per 100, \$8.00

### Raspberries

- Cumberland.** Blackcap. These do not transplant successfully in the autumn and will therefore be offered in our Spring Catalog.
- Cuthbert.** Berries very large, measuring 3 inches around, conical, rich crimson. One of the old-time favorites.
- Latham.** The finest red Raspberry to date. More productive than any other variety. Berries very large, bright red, and of wonderful flavor.
- Ranere Everbearing.** The fruit is of good size and of excellent flavor; in fact, there is no good quality any of the regular varieties of Raspberry possess that is lacking in Ranere. Brilliant red.
- Price, extra-strong plants, \$1.00 per doz.; per 100, \$8.00



Big Joe Strawberry

## Pot-Grown Strawberry Plants

### TWO NEW EARLY STRAWBERRIES

These two new varieties were developed by scientists in the U. S. Department of Agriculture and were selected from thousands of seedlings as being outstanding in quality, vigor, productivity, size, and appearance.

**Dorsett.** The berries average very large, are firm and rather light in color, while the flavor leaves nothing to be desired. They are beautiful in appearance, the light color, bright green cap, large size, and attractive shape making them very desirable. They should appeal to every grower of Strawberries.

**Fairfax.** Picked at the proper time, Fairfax berries average very large and firm, are bright red with a light green cap; as they become riper they get darker and then very dark red. They maintain their firmness and flavor even after they become very dark.

Price, pot-grown plants, \$1.25 per doz.; per 100, \$8.00; \$75.00 per 1000

Price, layer plants, 25 for \$1.00; \$1.50 for 50; per 100, \$2.50; \$15.00 per 1000

### Standard Varieties

#### EARLY

**Premier** **Senator Dunlap**

#### MIDSEASON

**Big Joe**

#### LATE

**Chesapeake** **Gandy's Prize**  
**William Belt**

Price, pot-grown plants, \$1.00 per doz.; per 100, \$6.00; \$50.00 per 1000

Price, layer plants, 25 for 75c.; \$1.00 for 50; per 100, \$1.50; \$10.00 per 1000

### Fall-fruiting Variety

**Mastodon Everbearing Wonder.** This is, unquestionably, the most prolific of everbearing varieties. Bears continuously from June till frost, the late fruits being as large as those of the early crop. Berries are of excellent quality. Plants should be grown in single hills, as it does not do so well in matted rows.

Price, pot-grown plants, \$1.25 per doz.; per 100, \$8.00; \$75.00 per 1000

Price, layer plants, 25 for \$1.00; \$1.50 for 50; per 100, \$2.50; \$15.00 per 1000

Strawberries planted in the fall and lightly mulched over winter will start growth early in spring, missing the usual transplanting check.



# MICHELL'S SEASONABLE VEGETABLES

## ASPARAGUS ROOTS

Ready October 10 for fall planting; for spring planting, about March 20  
4000 to 6000 roots are required for an acre

Asparagus Roots are planted quite extensively during the autumn and invariably give good results.

*If wanted by Parcel Post, add 10c. for 50; 15c. per 100 for postage*

	2-year-old roots		
	50	100	1000
Palmetto or Eclipse.....	\$0 85	\$1 50	\$11 00
Giant Washington.....	1 00	1 75	12 00

## DWARF BEANS

Prices quoted on Beans are prepaid in quantities up to 5 pounds to the first and second zones; for other zones, see Parcel Post table on page 1.

### Green-podded Varieties

	Pkt.	1/2 lb.	Lb.	5 lbs.	10 lbs.
Bountiful.....	\$0 10	\$0 25	\$0 40	\$1 40	\$2 50
Early Red Valentine.....	10	25	40	1 40	2 50
Improved Stringless Green-Pod.....	10	25	40	1 40	2 50
Mammoth or Giant Stringless.....	10	25	40	1 40	2 50
Masterpiece. For forcing.....	10	30	50	1 90	3 50
Tendergreen.....	10	25	40	1 40	2 50
Triumph of the Frames. For forcing.....	15		50	2 25	4 00

### Yellow-podded Varieties

	Pkt.	1/2 lb.	Lb.	5 lbs.	10 lbs.
Improved Rustproof Golden Wax.....	\$0 10	\$0 25	\$0 40	\$1 40	\$2 50
Pencil-Pod Black Wax.....	10	25	40	1 40	2 50
Round-podded Kidney Wax.....	10	25	40	1 40	2 50
Sure-Crop Stringless Wax.....	10	25	40	1 40	2 50

## BEETS (Table Varieties)

	Pkt.	Oz.	1/4 lb.	Lb.
Bassano Extra Early.....	\$0 10	\$0 15	\$0 35	\$1 10
Crimson Globe.....	10	15	35	1 10
Crosby's Egyptian. (Usual strain.).....	10	15	35	1 10
Crosby's Egyptian. (Special strain.).....	15	20	45	1 25
Detroit Dark Red. (Usual strain.).....	10	20	45	1 25
Detroit Dark Red. (Michell's Special strain.).....	15	25	60	1 50
Early Wonder.....	10	15	35	1 10
Good for All.....	15	20	45	1 25
Lentz Early.....	10	15	35	1 10
Michell's Ideal.....	10	20	45	1 25
Michell's Winter Keeper.....	10	20	45	1 25

## FORCING CARROTS

	Pkt.	Oz.	1/4 lb.	Lb.
California Bunching.....	\$0 10	\$0 20	\$0 50	\$1 50
Chantenay Half-Long. (Special strain.).....	10	20	50	1 50
Chantenay Half-Long. (Usual strain.).....	10	15	40	1 25
Danvers Half-Long.....	10	15	40	1 25
Guerande or Oxheart.....	10	15	40	1 25
Rubicon Half-Long.....	10	15	40	1 25
Very Early Short Horn.....	10	20	50	1 50

## CAULIFLOWER (Varieties Suitable for Forcing)

	Pkt.	Large pkt.	1/2 oz.	Oz.
Michell's Earliest Snowstorm.....	\$0 25	\$0 50	\$2 50	\$4 00
Early Selected Erfurt.....	20	45	1 75	3 00
Early Snowball.....	25	50	2 00	3 50

## CORN SALAD

	Pkt.	Oz.	1/4 lb.	Lb.
Large-leaved, Round-seeded.....	\$0 10	\$0 15	\$0 45	\$1 35

## POP-CORN (Shelled)

Our Pop-Corn will be found in excellent condition for popping.

**Golden Queen** and **Snowflake.** 20c. per lb. (by Parcel Post, 30c.); 3 lbs., 55c. (by Parcel Post, 70c.).

## CORN-POPPERS

1-qt. size, 25c. each (by Parcel Post, 35c.); 2-qt. size, 50c. each (by Parcel Post, 60c.).

## ENGLISH CUCUMBERS

These are especially adapted for growing under glass in greenhouses, producing enormous fruits, generally 1 1/2 to 2 feet long and 3 inches in diameter.

**Lockie's Perfection, Sion House, Telegraph, Tender and True.**  
Any of above varieties, 25c. per pkt. of 10 seeds; per 100 seeds, \$2.25.

## WATER-CRESS

**True Erfurt.** Pkt., 10c.; 20c. per 1/2 oz.; oz., 35c.; \$1.25 per 1/4 lb.

## ENDIVE

	Pkt.	Oz.	1/4 lb.
Full-Heart Batavian (Escarolle).....	\$0 10	\$0 20	\$0 60
Giant Fringed (Oyster Endive).....	10	20	50
Improved Green Curled.....	10	20	50



# Fresh Lettuce! One of the finest of Green Vegetables

## MICHELL'S SEASONABLE VEGETABLES, continued

### KALE

	Pkt.	Oz.	¼lb.	Lb.
<b>Dwarf Blue Scotch</b> .....	\$0 10	\$0 20	\$0 45	\$1 25
<b>Dwarf Green Curled</b> .....	10	20	45	1 25
<b>Imperial Long-standing</b> .....	10	15	35	1 00
<b>Siberian</b> .....	10	15	35	85

### LETTUCE

#### Heading Varieties

	Pkt.	Oz.	¼lb.	Lb.
<b>All-Heart</b> .....	\$0 10	\$0 15	\$0 50	
<b>All-Right</b> .....	10	20	60	
<b>Big Boston</b> .....	10	20	60	
<b>Boston Market.</b> (For forcing) .....	10	20	60	
<b>Davey's Improved Big Boston</b> .....	10	25	65	
<b>Iceberg</b> .....	10	20	60	
<b>Improved Hanson</b> .....	10	20	60	
<b>Kingsholm Cos or Romaine</b> .....	10	20	60	
<b>May King</b> .....	10	20	60	
<b>Michell's No. 1</b> .....	10	20	60	
<b>New York or Wonderful, No. 12</b> .....	10	25	65	
<b>Way-a-head</b> .....	10	20	60	
<b>White Big Boston</b> .....	10	25	65	

#### Loose-Leaf Varieties

	Pkt.	Oz.	¼lb.	Lb.
<b>Black-seeded Simpson</b> .....	\$0 10	\$0 20	\$0 60	
<b>Early Curled Silesian</b> .....	10	15	50	
<b>Early Curled Simpson</b> .....	10	15	50	
<b>Grand Rapids.</b> (For forcing) .....	10	20	60	

### FORCING MELONS (English Varieties)

	Pkt.	3 pkts.
<b>Blenheim Orange.</b> Orange flesh .....	\$0 25	\$0 65
<b>Sutton's A1.</b> Flesh rich scarlet. Original pkt. ....	1 25	
<b>Windsor Castle.</b> A green-fleshed variety .....	25	65

**MELONNETS.** For supporting forcing melons in greenhouses; made very strong, will last for a number of crops. \$2.50 per doz.; per 100, \$18.00.

### MICHELL'S MUSHROOM SPAWN

#### Pure Spore Culture Spawn

This Spawn is made in quart milk bottles under absolutely sterile conditions. One carton is sufficient to spawn about 40 square feet. The sterile spawn is dried thoroughly and each piece wrapped in tissue paper, which contains full instructions for growing mushrooms.

Carton .....	\$1 25	25 cartons .....	\$29 25
10 cartons .....	12 00		

If wanted by Parcel Post, allow 10c. per carton for postage

#### Pure-Culture Brick Spawn

Ask for our free booklet on Mushroom Culture. One brick will spawn 8 to 10 sq. ft.

#### Pure White

Brick .....	\$0 35	25 bricks .....	\$6 50
5 bricks .....	1 50	50 bricks .....	12 50
10 bricks .....	2 75		

If wanted by Parcel Post, allow for postage at the rate of 10c. per brick; 15c. for 5 bricks; 25c. for 10 bricks

### MUSHROOM OR HOTBED THERMOMETERS

**No. 20450.** Iron point, oxidized finish. \$3.00 (by Parcel Post, \$3.15). Thermometers should, wherever possible, be sent by Express. We do not guarantee safe arrival if forwarded by Parcel Post.

### MUSTARD

	Pkt.	Oz.	¼lb.	Lb.
<b>Fordhook Fancy</b> .....	\$0 10	\$0 15	\$0 35	\$0 75
<b>Southern Giant Curled</b> .....	10	15	35	75

### ONION SETS

One quart will plant a row about 50 feet

	Potato Onions
<b>Yellow</b> .....	Shallots
<b>White</b> .....	Garlic Sets
<b>Red</b> .....	
<b>White Multiplier</b> .....	

New-crop Onion Sets ready about September 20.  
We give 32 lbs. per bushel on Onion Sets.  
Prices will be quoted on application.

**Tree or Top.** These are used for producing scallions for early spring use and should be planted in September. They are perfectly hardy. 28 lbs. per bushel. 20c. per qt. (by Parcel Post, 30c.); 4 qts. for 60c. (by Parcel Post, 75c.); \$1.00 per pk.

### PARSLEY

	Pkt.	Oz.	¼lb.	Lb.
<b>Champion Moss Curled</b> .....	\$0 10	\$0 15	\$0 35	\$1 00
<b>Double Curled or Covent Garden</b> .....	10	15	35	1 00
<b>Hamburg or Rooted</b> .....	10	15	35	1 00
<b>Plain or Single</b> .....	10	15	35	1 00
<b>Tom Thumb</b> .....	10	25	65	2 00

### RADISH

#### Early Varieties

	Pkt.	Oz.	¼lb.	Lb.
<b>Crimson Giant</b> .....	\$0 10	\$0 15	\$0 35	\$1 00
<b>Early Scarlet Globe.</b> (Short top.) For forcing .....	10	20	45	1 25
<b>Early Scarlet or Cardinal Globe.</b> (For outside sowing) .....	10	15	35	1 00
<b>French Breakfast</b> .....	10	15	35	1 00
<b>Icicle</b> .....	10	15	35	90
<b>Long Scarlet Short-Top</b> .....	10	15	35	90
<b>Michell's 25-Day</b> .....	10	20	45	1 25
<b>Philadelphia White Box</b> .....	10	15	35	90
<b>Round Red or Button</b> .....	10	15	35	1 00
<b>Scarlet Turnip White-tipped</b> .....	10	15	35	1 00

#### Summer and Winter Varieties

	Pkt.	Oz.	¼lb.	Lb.
<b>Celestial or White Chinese</b> .....	\$0 10	\$0 15	\$0 35	\$1 00
<b>China Rose</b> .....	10	15	35	1 00
<b>Long Black Spanish</b> .....	10	15	35	1 00
<b>Round Black Spanish</b> .....	10	15	35	1 00
<b>White Strasburg</b> .....	10	15	35	90

### RHUBARB ROOTS

Ready October 1 for fall planting; April 1 for spring planting

Rhubarb is as readily obtainable in winter as in spring. The clumps, which should be at least four years old, should be planted in good garden soil in a cool cellar, preferably as dark as possible. When practicable, a barrel or a peach-basket, either without a bottom, should be placed over each root to draw the top up. Does extra well under greenhouse benches. Place the roots as close as possible. When spring approaches and rhubarb is obtainable outdoors, the clumps may be planted out for use another season. The roots should always be subjected to a slight frost before planting indoors.

**Victoria.** 50c. for 3 (by Parcel Post, 60c.); doz., \$1.50 (by Parcel Post, \$1.75); \$10.00 per 100.

### SPINACH

	Oz.	¼lb.	Lb.	5 lbs.
<b>Bloodsdales Long-standing Savoy</b> .....	\$0 10	\$0 25	\$0 55	\$2 50
<b>King of Denmark</b> .....	10	25	55	2 50
<b>Long Season</b> .....	10	25	55	2 50
<b>Market Gardener's</b> .....	10	25	55	2 50

### TOMATOES (Forcing Varieties)

	Pkt.	½oz.	Oz.
<b>Bides' Recruit.</b> Bright red .....	\$0 15	\$0 35	\$0 60
<b>Comet.</b> Deep scarlet .....	10	30	55
<b>Michigan State Forcing.</b> Bright red .....	25	50	85
<b>Sutton's Perfection.</b> (Imported.) Original pkt., \$1.25.			

### TURNIP AND RUTABAGA

	Pkt.	Oz.	¼lb.	Lb.
<b>Early Purple-Top Flat</b> .....	\$0 10	\$0 15	\$0 35	\$0 75
<b>Early White Flat Dutch</b> .....	10	15	35	75
<b>Golden Ball</b> .....	10	15	35	75
<b>Japanese Foliage.</b> Top and root both edible .....	10	15	35	75
<b>Purple-Top White Globe</b> .....	10	15	35	75
<b>Snowball</b> .....	10	15	35	75
<b>Southern Seven-Top</b> .....	10	15	25	65
<b>Yellow Globe or Amber</b> .....	10	15	35	75
<b>Rutabaga, Purple-Top Yellow.</b> (Special strain) .....	10	20	50	1 50
<b>Rutabaga, Purple-Top Yellow.</b> (Usual strain) .....	10	15	35	75

### VEGETABLE SEEDS FOR MEDICINAL PURPOSES

**Watermelon.** 60c. per lb.  
**Pumpkin.** 60c. per lb.



# MICHELL'S RELIABLE GRASS MIXTURES

## Concerning Fall Seeding

The cool, moist weather of late summer and early fall afford an ideal condition for rebuilding a lawn that has suffered from drought, neglect, or the ravages of weeds. Seed sown at this time will show quicker growth and has a tendency to stool or spread out, a condition not present during the warmer months. Competition with weeds is practically eliminated at this season, since the latter are incapable of germination until spring, by which time fall-sown grass is thoroughly established and the weeds have little chance to thrive. Seed may be sown successfully as late as October 15 in the latitude of Philadelphia, but we would recommend the month of September for best results.

**Quantity to Sow for Lawns.** We recommend sowing 1 quart to 100 square feet; 1 peck to 1000 square feet; 1 bushel to 4000 square feet; 6 to 8 bushels per acre on new ground without grass. In renovating established lawns, use half the above quantities.

Send for our booklet "Lawn Pointers" for further suggestions on the care of your lawn.

### MICHELL'S TOP-NOTCH LAWN SEED

A perfectly blended combination of the purest seed most suitable for the establishment of a luxurious lawn. This formula combines the qualities of quick growth, compactness, and permanence, and is recommended to those who seek the ultimate in a lawn mixture. Weight, 25 lbs. per bus. \$3.75 per pk.;  $\frac{1}{2}$  bus., \$7.00; \$13.50 per bus.; 100 lbs., \$50.00.

### MICHELL'S CLOVER LAWN SEED

The increasing demand for a grass seed mixture containing a larger proportion of White Lawn Clover induced us to offer this brand; mixed with a liberal quantity of the best re-cleaned White Clover, which is particularly suited to take firm hold and grow quickly on hard or worn-out spots which sunburn easily. Splendid for seashore lawns. 30 lbs. per bus. 35c. per pt.; qt., 65c.; \$1.25 for 2 qts.; 4 qts., \$2.25; \$4.25 per pk.;  $\frac{1}{2}$  bus., \$8.25; \$16.00 per bus.; 100 lbs., \$50.00.

### MICHELL'S GREEN VELVET LAWN SEED

Where a closely knit turf of lustrous green, velvety appearance is desired, we suggest this combination. It is a perfectly hardy mixture, ideally suited for fine permanent lawns. Weight, 20 lbs. per bus. 25c. per pt.; qt., 45c.; 85c. for 2 qts.; 4 qts., \$1.50; \$2.75 per pk.;  $\frac{1}{2}$  bus., \$5.25; \$10.00 per bus.; 100 lbs., \$47.00.

### MICHELL'S SHADED LAWN SEED

Shaded areas are often difficult to keep in grass. We have combined several shade-tolerant varieties of grass seed in a mixture that is capable of producing perfect turf in the most densely shaded place. It should be remembered that such spots, particularly under trees, are generally deficient in plant-food and moisture, and these conditions should be remedied for good results. Weight, 20 lbs. per bus. 30c. per pt.; qt., 55c.; 95c. for 2 qts.; 4 qts., \$1.75; \$3.00 per pk.;  $\frac{1}{2}$  bus., \$5.75; \$11.00 per bus.; 100 lbs., \$50.00.

### MICHELL'S EVERGREEN LAWN SEED

Recommended to fill the requirements of the average lawn, this mixture will produce a very desirable turf of fine-bladed, hardy grasses, capable of withstanding considerable wear and periodic dry spells. Weight, 20 lbs. per bus. 20c. per pt.; qt., 35c.; 65c. for 2 qts.; 4 qts., \$1.25; \$2.25 per pk.;  $\frac{1}{2}$  bus., \$4.00; \$7.50 per bus.; 100 lbs., \$36.00.

### MICHELL'S FAIRMOUNT PARK LAWN SEED

A mixture meeting the requirements of those desiring a moderately priced grass seed. Weight, 20 lbs. per bus. 15c. per pt.; qt., 25c.; 50c. for 2 qts.; 4 qts., 95c.; \$1.75 per pk.;  $\frac{1}{2}$  bus., \$3.25; \$6.00 per bus.; 100 lbs., \$28.00.

**White Dutch or Lawn Clover** (*Trifolium repens*). Choice, re-cleaned seed. 10c. per oz.;  $\frac{1}{4}$  lb., 25c.; 40c. per  $\frac{1}{2}$  lb.; lb., 75c.; \$3.50 for 5 lbs.; 10 lbs., \$6.00. Prices on White Clover subject to change.



## Michell's Grass Mixtures for Special Purposes

**Michell's Terrace Lawn Grass Seed.** Composed of deep-rooted varieties, adapted to the unusual requirements of the terrace. Weight, 20 lbs. per bus. 25c. per pt.; qt., 45c.; 85c. for 2 qts.; 4 qts., \$1.50; \$2.75 per pk.;  $\frac{1}{2}$  bus., \$5.25; \$10.00 per bus.; 100 lbs., \$47.00.

**Michell's Southern States Evergreen Lawn Seed.** For dry, hot localities. Especially suited to the Southern States. Weight, 20 lbs. per bus. 20c. per pt.; qt., 35c.; 65c. for 2 qts.; 4 qts., \$1.25; \$2.25 per pk.;  $\frac{1}{2}$  bus., \$4.00; \$7.50 per bus.; 100 lbs., \$36.00.

**Michell's Seashore Lawn Seed.** A very satisfactory mixture for lawns along the coast. Weight, 20 lbs. per bus. 25c. per pt.; qt., 45c.; 85c. for 2 qts.; 4 qts., \$1.50; \$2.75 per pk.;  $\frac{1}{2}$  bus., \$5.25; \$10.00 per bus.; 100 lbs., \$47.00.

**Michell's Special Sod Grass Seed.** Produces a heavy sod in a short time. Especially adapted for cemetery use. Weight, 20 lbs. per bus. 25c. per pt.; qt., 45c.; 85c. for 2 qts.; 4 qts., \$1.50; \$2.50 per pk.;  $\frac{1}{2}$  bus., \$4.75; \$9.00 per bus.; 100 lbs., \$44.00.

**Michell's Superior Bent Grass Mixture.** Composed chiefly of the leading varieties of Bent Grass, but containing a sufficient percentage of other hardier fine-bladed grasses to produce a lawn of putting-green texture, but which is not as susceptible to disease and attack by insects as pure Bent. We recommend sowing this seed at the rate of 1 pound to 300 square feet. \$1.00 per lb.; 5 lbs., \$4.50; \$20.00 for 25 lbs.; 100 lbs., \$75.00.

**Michell's Fairway (Golf Course) Mixture.** Composed of short-growing, deep-rooted varieties that resist wear. Weight, 20 lbs. per bus. \$2.25 per pk.;  $\frac{1}{2}$  bus., \$4.25; \$8.50 per bus.; 100 lbs., \$38.00.

**Michell's Athletic Field Grass Seed.** A mixture of deep-rooting, fine-leaved grasses. Weight, 20 lbs. per bus. \$2.25 per pk.;  $\frac{1}{2}$  bus., \$4.25; \$8.00 per bus.; 100 lbs., \$38.00.

**Michell's Putting Greens Mixture.** Mixture of quick-growing, short, fine-bladed grasses. 25 lbs. per bus. 85c. per qt.; pk., \$5.50; \$10.00 per  $\frac{1}{2}$  bus.; bus., \$20.00; \$75.00 per 100 lbs.

**Michell's Permanent Pasture Grass Seed.** Sow 4 to 5 bushels per acre on new land or 2 bushels on established pastures. Weight, 20 lbs. per bus. \$2.00 per pk.;  $\frac{1}{2}$  bus., \$3.75; \$7.00 per bus.; 100 lbs., \$32.00.

**Michell's Permanent Hayfield Grass Seed.** Sow 4 to 5 bushels per acre on new lands or 2 bushels on established fields. Weight, 20 lbs. per bus. \$2.00 per pk.;  $\frac{1}{2}$  bus., \$3.75; \$7.00 per bus.; 100 lbs., \$32.00.

**Michell's Seed Mixtures for New Jersey.** The New Jersey Agricultural Experiment Station has developed four Grass Seed formulas particularly adapted to different soil conditions within that state. We carry these in stock, and will be pleased to furnish information and prices on request.

- No. 1. Standard mixture (with clover).
- No. 1A. Standard mixture (without clover).
- No. 2. Finest quality turf mixture.
- No. 3. Shaded area mixture.
- No. 4. Mixture for terraces and for clayey, shaley or sandy soils.

## Grasses in Separate Varieties

On account of market fluctuations on many varieties of grass seeds, prices on larger quantities than those named will be quoted on request. If separate varieties of Grass and Clover seeds are wanted by Parcel Post, add 10c. per lb.; 20c. for 10 lbs., for postage to the first and second zones; for other zones, see Parcel Post table, page 1

**Bent Grass, Certified Seaside** (*Agrostis maritima*). Very highest quality, certified and sealed in 50- and 100-lb. bags by the Oregon Department of Agriculture. True creeping variety of Bent; makes an ideal putting-green turf. \$1.50 per lb.; 10 lbs., \$14.00.

**Bent Grass, Astoria.** A native Bent, grown in Oregon, similar in growth to the Colonial type. \$1.50 per lb.; 10 lbs., \$14.00.

**Bent Grass, Colonial or Rhode Island** (*Agrostis tenuis*; *A. capillaris*). Weight, 20 lbs. per bus. \$1.50 per lb.; 10 lbs., \$14.00.

**Bent Grass, South German** (*Agrostis stolonifera*). For lawns, putting greens, tennis-courts, etc. Weight, 18 lbs. per bus. \$1.50 per lb.; 10 lbs., \$14.00.

**Blue Grass, Kentucky** (*Poa pratensis*). Super-fine quality. The most important grass for lawns in the North. Weight, 14 lbs. per bus. 35c. per lb.; 10 lbs., \$3.00.

**Blue Grass, Canada** (*Poa compressa*). Weight, 14 lbs. per bus. 50c. per lb.; 10 lbs., \$4.50.

**Crested Dogstail** (*Cynosurus cristatus*). Excellent as a pasture and lawn grass. Weight, 21 lbs. per bus. 60c. per lb.; 10 lbs., \$5.50.

**Fescue, Chewing's New Zealand** (*Festuca rubra fallax*). Especially recommended for putting greens and lawns. Weight, 14 lbs. per bus. 65c. per lb.; 10 lbs., \$6.00.

**Fescue, Fine-leaved** (*Festuca tenuifolia*). Especially valuable for dry soils. Weight, 14 lbs. per bus. \$1.00 per lb.; 10 lbs., \$9.50.

**Fescue, Genuine Red or Creeping** (*Festuca rubra*). Excellent for putting greens, also for sowing on sandy soil and in shaded places. Weight, 14 lbs. per bus. \$1.00 per lb.; 10 lbs., \$9.50.

**Fescue, Hard** (*Festuca duriuscula*). Splendid for golf links, tennis-courts, etc. Weight, 14 lbs. per bus. 55c. per lb.; 10 lbs., \$5.00.

**Fescue, Meadow** (*Festuca pratensis*). Weight, 24 lbs. per bus. 35c. per lb.; 10 lbs., \$3.00.

**Fescue, Red** (*Festuca rubra*). European. Valuable for putting greens, also for sowing on sandy soil and in shaded places. Weight, 14 lbs. per bus. 65c. per lb.; 10 lbs., \$6.00.

**Fescue, Sheep's** (*Festuca ovina*). Weight, 14 lbs. per bus. 55c. per lb.; 10 lbs., \$5.00.

**Orchard Grass** (*Dactylis glomerata*). Fine for sowing in shaded places. Weight, 14 lbs. per bus. 45c. per lb.; 10 lbs., \$4.00.

**Red-Top, Fancy Recleaned** (*Agrostis alba*). One of the best grasses for immediate effect. Weight, 32 lbs. per bus. 35c. per lb.; 10 lbs., \$3.00.

**Rough-stalked Meadow** (*Poa trivialis*). A splendid grass for shaded places. Weight, 14 lbs. per bus. 70c. per lb.; 10 lbs., \$6.50.

**Rye Grass, Domestic.** Not hardy; valuable as cover on southern lawns. Weight, 20 lbs. per bus. 20c. per lb.; 10 lbs., \$1.75.

**Rye Grass, English or Perennial** (*Lolium perenne*). A hardy, deep-rooted, quick-growing grass. Weight, 24 lbs. per bus. 30c. per lb.; 10 lbs., \$2.50.

**Rye Grass, Pacey's English** (*Lolium perenne* Pacey). A fine strain of the above. Weight, 24 lbs. per bus. 35c. per lb.; 10 lbs., \$3.00.

**Rye Grass, Italian** (*Lolium italicum*). Imported. Very desirable for pasture; ideal for southern lawns during the winter. Weight, 24 lbs. per bus. 25c. per lb.; 10 lbs., \$2.00.

**Timothy** (*Phleum pratense*). Weight, 45 lbs. per bus. 15c. per lb.; 10 lbs., \$1.00.

**Wood Meadow** (*Poa nemoralis*). A shade-tolerant grass. Weight, 14 lbs. per bus. \$1.50 per lb.; 10 lbs., \$14.00.





# MICHELL'S SEASONABLE FARM SEEDS

PRICES, WHERE NOTED, SUBJECT TO MARKET CHANGES

Parcel Post charges where named are for shipment to the first and second zones; for other zones see Parcel Post table, page 1

Prices for larger quantities than those listed will be sent on request

## CLOVERS

Weight of Clovers, 60 pounds per bushel.

**Alfalfa or Lucerne** (*Medicago sativa*). Non-irrigated Northwestern-grown seed. Sow during May, August, and September,  $\frac{1}{2}$  bushel (30 pounds) per acre, preferably with no other crop. 55c. per lb. (by Parcel Post, 65c.).

**Alfalfa**. (Grimm Strain.) An extremely hardy variety, less apt to winter-kill than older sorts. A heavy yielder and of deep-rooting habit. It requires about 15 to 20 pounds to properly seed an acre. 60c. per lb. (by Parcel Post, 70c.).

**Alsike or Swedish Clover** (*Trifolium hybridum*). One of the best for mixing with timothy; grows from 1 to 2 feet high. Sow early in the spring or late summer and early autumn, 10 to 15 pounds per acre alone or 8 pounds per acre with timothy. 45c. per lb. (by Parcel Post, 55c.).

**Crimson Clover** (*Trifolium incarnatum*). Used principally for soiling or green manuring. It is not hardy for more than one season and must be sown each year. Height 1 to 2 ft. Sow any time from April to October, 20 pounds to the acre. 25c. per lb. (by Parcel Post, 35c.).

**Red Clover, Medium** (*Trifolium pratense*). Central States origin. Used principally for hay purposes. Sow early in the spring or in late summer—July and August; if alone, 20 pounds per acre; if with other crops, 10 pounds per acre. 65c. per lb. (by Parcel Post, 75c.).

**Mammoth Red Clover** (*Trifolium pratense perenne*). This differs from the Medium, being of a ranker growth and yielding more fodder per acre. Sow early in spring or in July and August, using 20 pounds per acre alone, or with other crops, 10 pounds per acre. 70c. per lb. (by Parcel Post, 80c.).

**Sweet or Bokhara Clover** (*Melilotus alba*). Used either as a feed-crop or as a fertilizer, to plow under. Grows from 3 to 5 feet high and thrives on almost any kind of soil. Sow 15 pounds per acre during spring and fall. 35c. per lb. (by Parcel Post, 45c.).

**White Dutch or Lawn Clover** (*Trifolium repens*). Choice recleaned seed. Sow 10 to 12 pounds per acre if alone, or 5 pounds if sown on old turf or with other crops. 10c. per oz.;  $\frac{1}{4}$  lb., 25c.; 40c. per  $\frac{1}{2}$  lb.; lb., 75c.; \$3.50 for 5 lbs.; 10 lbs., \$6.00. Prices on White Clover subject to change.

## Michell's Choice Recleaned Seed Wheat

Weight of Seed Wheat, 60 pounds per bushel.

**FORWARD (Beardless)**. This variety has gained rapidly in popularity. It has wonderful stooling properties, a single grain having been known to produce as high as fourteen stalks. Forward is a heavy yielder, 55 bushels per acre having been recorded. A very hardy variety, straw very thick-walled, of good length, and bears up its heavy load of grain well. This variety is well liked by millers, the grain being of a dark color and of hard texture. Medium early in ripening. Sow  $1\frac{1}{2}$  to 2 bushels per acre. 20c. per qt. (by Parcel Post, 30c.).

**LEAP'S PROLIFIC (Beardless)**. A most prolific variety indeed and may be relied on to give big crops. It stools out strongly and roots deeply. The grain is large, dark red, and of the best milling quality. Heads are large, with beautiful white chaff and without beards. It is one of the earliest to ripen and we recommend it as an all-round good variety. Sow  $1\frac{1}{2}$  bushels per acre. 20c. per qt. (by Parcel Post, 30c.).

**PENNSYLVANIA 44 (Bearded)**. A variety originating at the Pennsylvania State Agricultural Experiment Station and developed from the Fulcaster. Grains red; purple straw; white chaff. It is a few inches taller than Fulcaster, and with stiffer straw. This variety has yielded an average of 35 bushels per acre. Sow  $1\frac{1}{2}$  to 2 bushels per acre. 20c. per qt. (by Parcel Post, 30c.).

## RAPE

**Dwarf Essex**. An excellent green food for sheep and hogs; can be pastured 8 weeks after sowing. Sow 6 pounds per acre broadcast or in drills until October 1. It produces enormous crops and is ideal green manure. Weight, 50 lbs. per bus. 15c. per lb. (by Parcel Post, 25c.).

## WINTER RYE

This makes a fine winter cover crop, usually being sown in the autumn. Winter Rye will not mature if sown in spring. Weight, 56 lbs. per bus. Sow  $1\frac{1}{2}$  bushels per acre.

**Rosen**. An improved variety of exceptionally heavy yield, with long straw and well-filled heads. We offer only the choicest Michigan-grown seed. 20c. per qt. (by Parcel Post, 30c.).

## WINTER VETCH

*Vicia villosa*

Sometimes called Sand or Hairy Vetch. Our stock of this is the true type, which will absolutely live throughout the winter. Sow broadcast from August 1 to October 1, the earlier the better, 1 bushel per acre, to which we suggest adding a bushel of winter rye or wheat. In the spring it can be plowed under as green manure, or, when in flower, cut for hay. All stock relish it keenly. Seed should be inoculated with Legume-Aid before planting. Weight, 60 lbs. per bus. 30c. per lb. (by Parcel Post, 40c.).

## TIMOTHY

For sowing with wheat as a second-year hay-crop, or for sowing alone for a first-year hay-crop, this is extensively used. We handle only seed of the purest and highest germinating quality. Weight, 45 lbs. per bus. 15c. per lb. (by Parcel Post, 25c.).

## LEGUME-AID

A moist composition base. Living bacteria in a base of relative low-moisture content which adheres to dry seed without the use of water.

For Alfalfa and all Clovers:  $\frac{1}{4}$ -bus. size 20c.; 30c. per  $\frac{1}{2}$ -bus. size; 1-bus. size 50c.; \$1.00 per 2 $\frac{1}{2}$ -bus. size.

For Soy Beans, Peas, Vetch and Beans:  $\frac{1}{2}$ -bus. size 20c.; 30c. per 1-bus. size; 2-bus. size 50c.; \$1.00 per 5-bus. size.

Garden Size for Garden Peas, Beans, and Sweet Peas, 25c.

We can also supply Agar (Jelly) base at same prices. Always state what kind of seed you wish to inoculate when ordering.

## NEW IMPROVED CERESAN

For treating wheat to control stinking smut and to increase the yield from 8 to 20 per cent. Costs less than 2 $\frac{1}{2}$  cents per bushel. 1-lb. tin, 70c.; \$3.00 per 5-lb. tin.

## WHEAT FERTILIZER

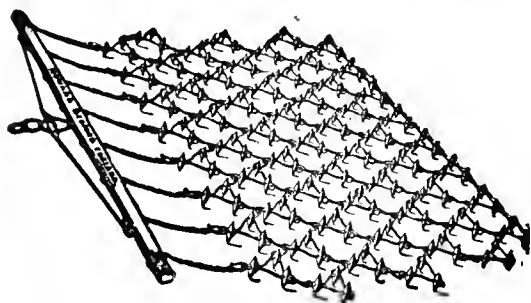
Especially compounded for seed wheat and other grains, and also for grass. 100 lbs., \$3.75; \$6.00 for 200 lbs.;  $\frac{1}{2}$  ton, \$26.00; \$50.00 per ton.

## MICHELL'S HIGH-GRADE AMMONIATED PHOSPHATE

For grain and grass crops, etc. 100 lbs., \$3.50; \$6.00 for 200 lbs.;  $\frac{1}{2}$  ton, \$25.00; \$45.00 per ton.

**HENRY F. MICHELL CO.**

# Michell's Lawn, Garden, and Farm Accessories



## Scotch Chain Harrow

One of the best implements for pulverizing, leveling, and smoothing the surface soil; also excellent for covering grass seed, etc.

	Weight	Each
<b>No. FH.1-R.</b> One-horse size, 6 ft. wide.....	143 lbs.	\$35 00
<b>No. FH.2-R.</b> Medium two-horse size, 8 ft. wide.....	257 lbs.	48 00
<b>No. FH.3-R.</b> Full two-horse size, 11½ ft. wide.....	380 lbs.	60 00

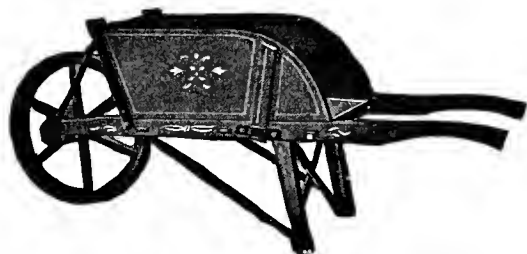
## Lawn and Putting Green Cleaner

The flexible rake-bars are of wood, with steel springs and teeth. They rotate like a lawnmower cylinder and clean up every particle of leaves, litter, or rubbish, throwing it into a receptacle or bag in the rear.

Price, 24-in. Rake or Sweeper, \$30.00.

Please specify when ordering if wanted for lawn or putting greens.

**Sweeping Brushes.** Can be readily attached to the Rake for sweeping lawns, putting greens, paths, etc. Price, per set of three, 24-inch, \$9.00.



Great American Wheelbarrow

## Wheelbarrows

The measurements of barrows are: length, meaning inside length of body; depth, inside depth at front; width, outside width at handles.

### Great American Wheelbarrow.

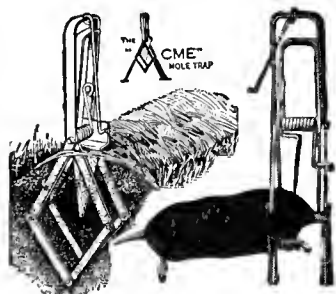
	Tire In.	Length In.	Depth In.	Width In.	Each
<b>No. 1.....</b>	2¾	30	12	25	\$9 00
<b>No. 2.....</b>	2¾	28	12	24	8 00
<b>No. 3.....</b>	2¾	26	12	22	7 50

### Great American, Boys' Wheelbarrow.

<b>No. 4.....</b>	1¾	22	9	18	5 75
-------------------	----	----	---	----	------

**Great American, No. 2.** Equipped with pneumatic rubber-tire wheel .....14 00

**Special Greenhouse Style.** Narrow body and handle width.....10 50



Acme

Reddick

<b>Acme</b> .....	\$2 00 (by Parcel Post, \$2.25)
<b>Olmstead</b> .....	2 00 (by Parcel Post, 2.25)
<b>Reddick</b> .....	1 25 (by Parcel Post, 1.50)

## Mole Traps

For catching moles that ruin lawns and damage the contents of hotbeds and coldframes.

## Keystone Leaf-Rack

This device can be used on wheelbarrows with removable sides. Convenient for gathering leaves, cut grass and rubbish. Has a capacity of 10 bushels; made of galvanized wire bolted to a wooden base. Price, not including wheelbarrow, \$8.50.



## Wood Leaf-Racks

Excellent for gathering leaves, litter, grass, etc. They can be attached to a water barrel truck as shown below.

**Leaf-Rack only, no Truck.....**\$10 50

**Leaf-Rack with 3½-inch tire Truck....** 32 50

**Truck with 3½-inch tire wheels, no Rack or Barrel.....** 22 00



## Barrel Truck, Etc.

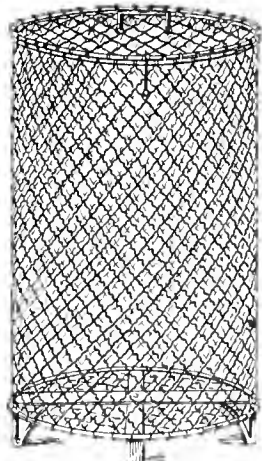
The Truck is constructed so that the barrel may be detached quickly and the leaf-rack attached.

**Truck with 3½-inch tire, all-iron wheels, with Barrel.....**\$29 00

Extra Barrels, with trunnions, open head. 7 00

## Rubbish Baskets

A basket for gathering up rubbish and litter will be found a great convenience, especially when it is suited for the purpose. This basket holds 3 bushels and can be carried or wheeled on a barrow. Price, with rope handles, \$4.00 each.



No. 20 Rubbish Consumer

## Rubbish Consumers

**No. 5.** Made of heavy, crimped wire; pressed steel top and bottom; painted green; 29 in. high. Price, \$6.00.

### Extra-Heavy Construction

**No. 10.** 16 x 22 in.....\$11 50

**No. 20.** 20 x 30 in..... 16 50

## Sterling Mounted Grindstone

Substantially made; heavy steel frame with seat and double treadles; fitted with improved ball bearings of the very best quality, encased so they will keep clean. Stone, 19 to 22 in. diam., 1¾ to 2¼ in. thick. Weight, 100 lbs. Shipped knocked down, crated. Price, \$12.00.

## Brooms and Brushes

For sweeping paths, gutters, roads, etc.; all with handles.

### Brooms

**No. 230.** Japanese fibre.....\$1 00

**No. 8.** Corn and rattan mixed..... 1 00

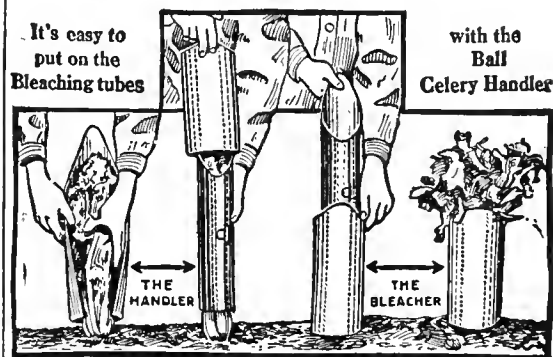
**Golf Greens.** Birch..... 30

**No. 7.** Plain corn. Extra quality..... 1 00

### Road Brushes

**No. 271.** Rattan Push. 14-in.....\$1 00

**No. 1414.** Bass or Cocoa Push. 14-in... 1 00



## Ball Lightning Celery Bleachers

A practical, inexpensive device for bleaching early celery, made from a special process paper which is sufficiently waterproof to stand wet weather.

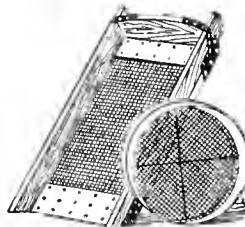
Size	Per 100	Per 1000
6 x 12 in.....	\$2 25	\$18 00
6½ x 13 in.....	2 50	20 00
7 x 14 in.....	2 75	24 00

## Ball Celery Handler

Brass, \$2.00 each. Tin, \$1.00 each.

## Rubber Bands

For tying celery in bunches. Price, \$1.50 per lb.



## Sieves

Made extra well, in any size mesh.

	Each	By Parcel Post
18-in. Steel (Heavy).....	\$2 00	\$2 20
18-in. Galvanized Wire.....	2 00	2 20

## Large, Upright Sieve

For soil, gravel, sand, etc. Made in any size mesh, of extra-heavy grade foundry wire. Price, \$17.50.

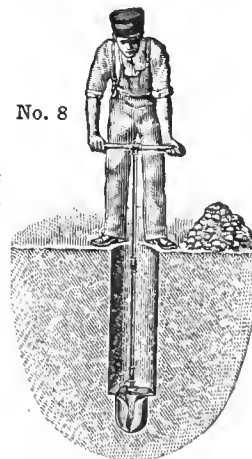
## Post-Hole Diggers

No. 8

**No. 8.** This bores a hole 3½ feet deep and can be adjusted in diameter from 8 to 14 inches. Price, \$6.00.

**No. 15.** Eureka. Price, \$2.50.

**Post Hole Spade.** All steel, with tamper end. Price, \$3.25.



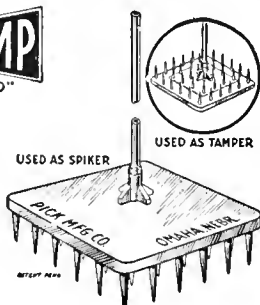
You will see that we have a tool for every gardening need

## MICHELL'S LAWN, GARDEN, and FARM ACCESSORIES, continued



Price, \$4.50.

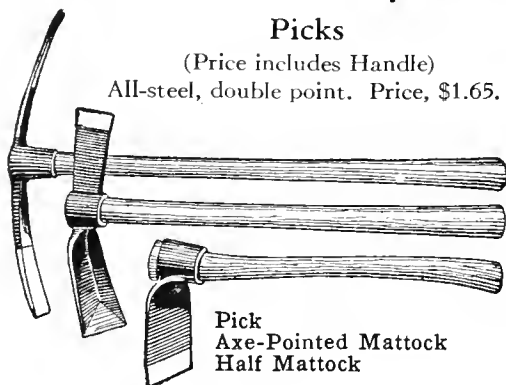
An indestructible all-metal tool made of quality material. Weight, 11½ lbs.; over-all length, 4 ft.; plate, 9 in. square; spikes, 1¾ in. long.



### Picks

(Price includes Handle)

All-steel, double point. Price, \$1.65.



Pick  
Axe-Pointed Mattock  
Half Mattock

### Mattocks

(Price includes Handle)

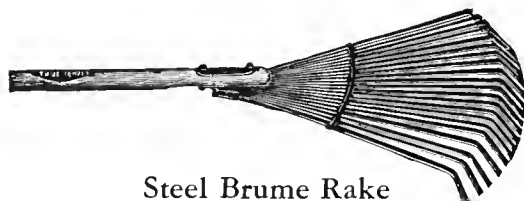
Axe-pointed.....\$1 65  
Pick-pointed.....1 65  
Half Mattocks or Grub Hoes.....1 50



### Bamboo Rakes

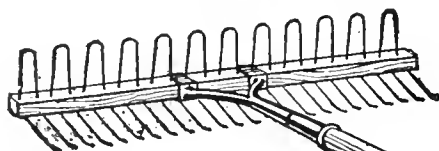
Made of split bamboo, rigidly secured, with handle. Just the thing for cleaning grass clippings from walks, flower-beds, borders, and from the lawn.

18-in., with bamboo handle (old style)....\$0 35  
18-in., with hardwood handle.....75  
24-in., with hardwood handle.....1 00  
30-in., with hardwood handle.....1 50



### Steel Brume Rake

Spring steel teeth. Will remove the smallest leaves and litter. Price, \$1.00.



### Wire Lawn or Grass Rake

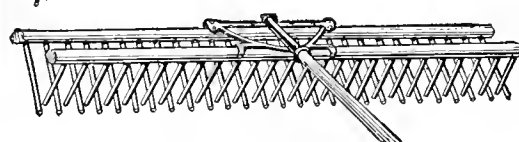
Made of heavy tinned steel wire. The rake is reversible. These are excellent for lawn or walk work.

No. 124R. 24-tooth.....\$1 00  
No. 36LR. 36-tooth.....1 75



### Fuller Lawn Broom

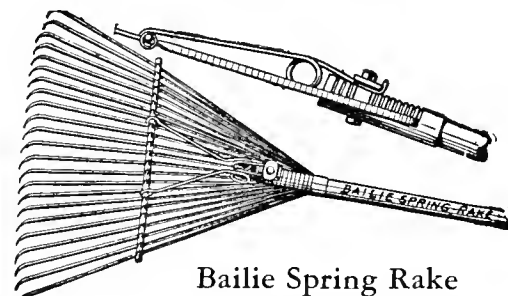
Well made of good material; has 28 flexible spring steel teeth ¾ inch apart. Price, \$1.50.



### Automatic Lawn Rake

A backward motion of the operator clears all the teeth at once.

No. 226. Wood. 26-tooth.....\$1 75  
No. 238. Wood. 38-tooth.....2 00



### Bailie Spring Rake

Fitted with extra-heavy spring from handle to spacer and has 24 teeth made from spring wire, slotted and keyed throughout. Ideal for lawn or driveway. Price, \$1.75.

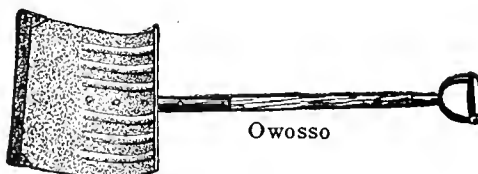
### Ole Olsen Lawn Rake

Made of best hardwood, well braced, with teeth set close together.

26-tooth, hickory wood. Price, \$1.00.

### Ames Wooden Rakes

No. 37X. 28-tooth; steel bows.....\$1 25  
No. 30X. 14-tooth; hardwood.....90



### Snow Shovels

Owosso. Galvanized; 16-in. width.....\$1 40  
Owosso. Galvanized; 20-in. width.....1 75  
No. 218. Cronk. Steel.....1 50

### Axes

Plumb Make. Medium, man's size; made of best-quality steel. Price, \$2.50 (by Parcel Post, \$2.70).

### Steel Hammers

No. 0374. Plumb. Price, 85c. (by Parcel Post, 95c.).

### Hatchets

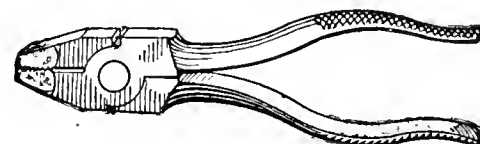
Made of the best-quality tool steel that will keep an edge.

No. P. T. H. I. Plumb. Price, \$1.00 (by Parcel Post, \$1.15).

### Monkey Wrenches

For machinery. Made of first-quality hard steel.

	Each	By Parcel Post
8-in.....	\$1 00	\$1 15
10-in.....	1 25	1 40



### Steel Pliers

	Each	By P. P.
No. 70. Side cutting, 6-in.....	\$1 00	\$1 10
No. 70. Side cutting, 7-in.....	1 25	1 35

### Screw-Drivers

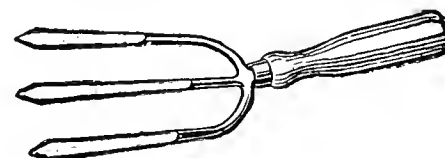
	Each	Each
4-in.....	\$0 30	6-in.....\$0 40
5-in.....	35	8-in.....50
10-in.....	\$0 60	

If wanted by Parcel Post, add 10c. each for postage.



### Corn Knife

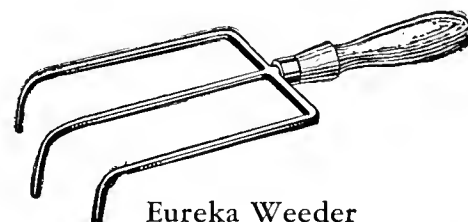
No. 300. Eureka. Bent blade. Price, 75c. (by Parcel Post, 90c.).



### Eureka Weeding Fork

No. 300. Made of best flexible steel. Fine for loosening soil in the garden, in hotbeds, etc. Short handle. Price, 50c. (by Parcel Post, 60c.).

G4. Long handle. Price, 75c.

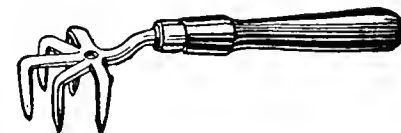


### Eureka Weeder

No. E. Made of flexible steel; very light. An ideal tool for market gardeners, florists, and amateurs.

Short handle. Price, 50c. (by Parcel Post, 60c.).

No. EL4. Long handle. Price, 75c.



### Excelsior Weeder

No. 443. Made of malleable iron, finished in tin. Price, 15c. (by Parcel Post, 25c.).



### Excelsior Weeding Fork

No. 444. Made of malleable steel, finished in tin. Price, 15c. (by Parcel Post, 25c.).

Parcel Post charges where named are for shipment to the first and second zones; for other zones, please see page 1

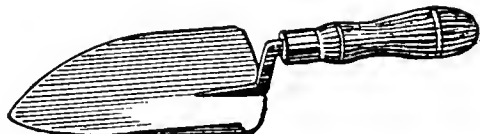


# MICHELL'S LAWN, GARDEN, and FARM ACCESSORIES, continued



**Hazeltine Weeder**

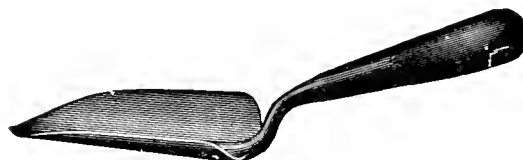
**No. 200.** Price, 30c. (by Parcel Post, 40c.).



**Johnson Steel Trowels**

**No. 211.** These are made of one-piece steel blade and shank, equal to the imported Trowels.

	Each	By Parcel Post
5-in.....	\$0 70	\$0 80
6-in.....	75	85
7-in.....	80	90



**D. S. T. Steel-Shank Trowel**

These are somewhat long in blade and handle, making a very practical tool. 6-in. blade. Price, 85c. (by Parcel Post, 95c.).



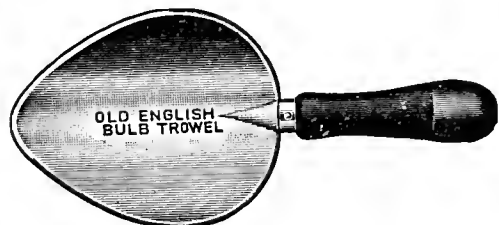
**Cleves' Angle Trowel**

**No. 217.** For getting dandelion, plantain, and other weeds out of the lawn, and transplanting.

	Each	By Parcel Post
5-in.....	\$0 20	\$0 30
6-in.....	25	35
7-in.....	30	40

## Miscellaneous Trowels

	Each	By Parcel Post
<b>No. 700. Neverbreak.</b> 5-in.; heavy steel.....	\$0 15	\$0 25
<b>No. 215. Steel.</b> Wood handle...	25	35

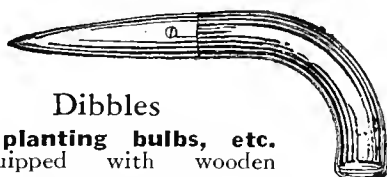


**Old English Bulb Trowel**

Heart-shaped blade, 4¾ inches wide. For planting out bulbs and plants. Price, \$1.00 (by Parcel Post, \$1.10).

## Hole-in-One Plant Setter and Bulb Planter

An excellent tool for planting bulbs or transplanting various plants, as it makes the proper size hole with ease. Price, 50c.

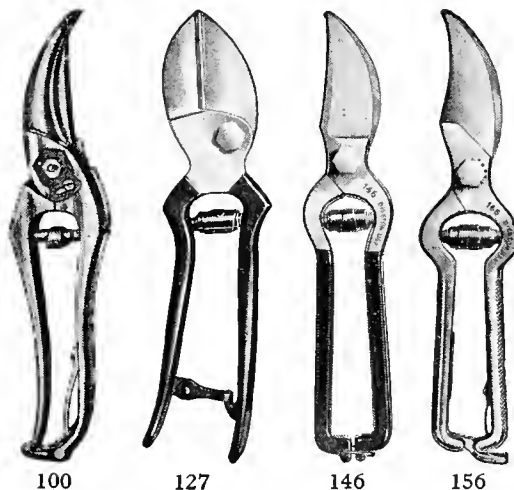


**Dibbles**

For planting bulbs, etc. Equipped with wooden handles.

**No. 2180.** Brass point. Price, \$1.00 (by Parcel Post, \$1.10).

**No. 218.** Iron point. Price, 85c. (by Parcel Post, 95c.).



## Pruning Shears

These are procured from the most reliable makers and fully guaranteed.

If wanted by Parcel Post, add 15c. each.

	Length	Each
<b>No. 100. Michell</b> .....	9 in.	\$4 00
<b>No. 127. Disston</b> .....	8¼ in.	2 00
<b>No. 146. Disston</b> .....	9 in.	1 50
<b>No. 126. Disston</b> .....	8½ in.	1 50
<b>No. 156. Disston</b> .....	8½ in.	3 25
<b>No. 116. Disston</b> .....	9 in.	1 00
<b>No. 136. Disston</b> .....	9 in.	1 25
<b>No. 5945. Elbersmit</b> .....	9 in.	2 75
<b>No. 5720. Elbersmit (Nickel)</b> .....	6½ in.	2 25
<b>No. 1586. French</b> .....	7 in.	2 25
<b>No. 1586. French</b> .....	8 in.	2 50
<b>No. 23. Levin</b> .....		75
<b>No. 5. Pexto</b> .....	9 in.	50
<b>No. 109. Wiss</b> .....	8 in.	3 50
<b>Spiral Springs.</b> 20c. each; doz., \$2.00.		
For French Pruning Shears, 35c. each.		

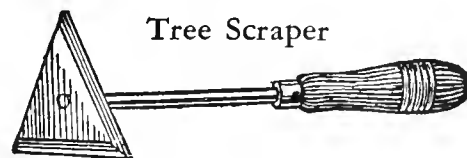
## Pruning Gloves

<b>No. 225.</b> Horsehide, with gauntlets, not lined.....	\$3 00
<b>No. 280.</b> Horsehide, with gauntlets, lined.....	1 85
<b>No. 228F.</b> Horsehide, no gauntlets, not lined.....	2 50
<b>No. 217.</b> Horsehide, with gauntlets, not lined.....	2 00



All leather, soft as kid; dirt-proof; durable; washable. Price, 75c. per pair.

All prices subject to market changes



**Tree Scraper**

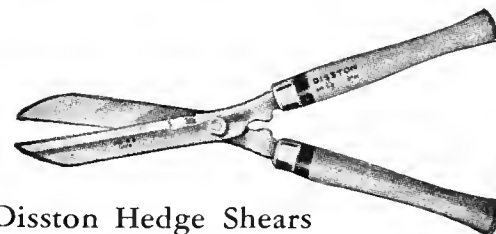
For removing loose bark from trees prior to spraying. Steel blade may be detached and sharpened.

**No. 3.** Short handle. Price, 65c. (by Parcel Post, 75c.).

**No. 5.** 2-ft. handle. Extra heavy. Price, \$1.50.

## Tree or Bark Brush

For brushing down trees, to remove insects, borers, etc. Made of steel. Price, 8½-in., 45c. (by Parcel Post, 55c.).



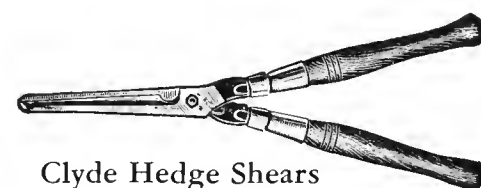
**Disston Hedge Shears**

If wanted by Parcel Post, add 25c. each for postage.

	Disston	English
6-in., Ladies'.....	\$2 00	
8-in.....	2 75	\$3 50
9-in.....	3 00	3 75
10-in.....	3 25	4 25
12-in.....		5 50

**Bolts and Nuts** for Hedge Shears, 30c.

**Handles** for Hedge Shears, \$1.00 per pair.



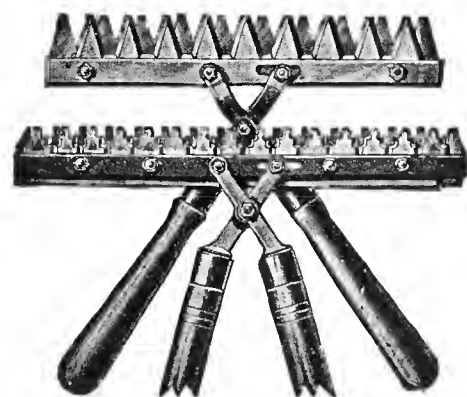
**Clyde Hedge Shears**

**No. 5430W.** Drop forged solid tool steel blades, notched, full polished handles made of ash, 12 in. long; blades 8 in. Price, \$2.00.

**No. 5435.** Especially for ladies' use. Drop forged solid tool steel; handles made of black walnut, 9 in. long; blades 6 in. Price, \$1.50.

## Simplicity Hedge Trimmer

**No. 100.** To be used for fresh new growth only. Works rapidly and easily. It will trim every variety of hedge grown and to any shape desired. Price, \$3.50 (by Parcel Post, \$3.75).



**Simplicity Hedge Pruner and Trimmer**

**No. 101.** For pruning back old growth and trimming new. Price, \$4.50 (by Parcel Post, \$4.75).

Parcel Post charges where named are for shipment to the first and second zones; for other zones, please see Parcel Post table on page 1

MICHELL'S LAWN, GARDEN, and FARM ACCESSORIES, continued



Trims hedges ten times faster, and it's fun—not work. Operates from any ordinary light socket; cuts a clean, perfect swath through the toughest hedge growth. Trims 100 feet of hedge, top and sides, in 30 minutes.

The most powerful electric hedge-trimmer. Weighs only 6 pounds. Thousands of satisfied users everywhere say that Electrimmer is the finest, strongest, most practical hedge-cutter ever produced; and many state that it saves so much over slow, costly hand labor that it pays for itself in a single season.

Complete with 8-ft. cord.....\$29 50  
100 ft. best-quality 18-gage extra cord... 3 50  
200 ft. best-quality 16-gage extra cord... 8 50

Little Wonder Hedge Trimmer

The Little Wonder Hedge Trimmer cuts every variety of hedge grown, five to six times faster than the old-fashioned hand-shear method and makes hedge-cutting a pleasure. Long cutting-bars which make a quick and even cut. Made strong and sturdy; built to last many years.

**Junior.** 30-in. cut.....\$25 00  
**Little Wonder.** 40-in. cut..... 27 50  
**Little Wonder.** 60-in. cut..... 35 00  
**Little Wonder, Jr. Electric.** 25-in cut. 65 00



Clyde Draw-Cut Lopping Shears

Lopping Shears

**No. 5409. Clyde.** Solid tool-steel blade and hook; ash handles, 24 in. long. Price, \$1.75 (by Parcel Post, \$1.90).

**No. 5402. Clyde Draw-Cut.** Blade, hook, and shank are forged from tool steel; ash handles, 30 in. long. Price, \$3.50 (by Parcel Post, \$3.70).

**Disston Lopping.** Polished hardwood handle, 20 inches long; heavy ferrule; heavy blades for heavy work. Weight 3¼ lbs. Price, \$3.25 (by Parcel Post, \$3.40).

**Disston Bull Dog Lopping.** Both jaws curved, both cutting jaws. Weight 3½ lbs. Price, \$3.00 (by Parcel Post, \$3.15).

**Rhodes.** Makes an absolutely clean, perfect cut. The blades are concaved at the cutting edge, producing, with the handles, an enormous leverage. 26-in. and 30-in. handles. Price, \$5.00 (by Parcel Post, \$5.20).

Tree Pruners

**Disston's Little Giant Pruner**.....\$2 50  
**Disston's Little Giant Pruner,** with saw attachment..... 3 50

Poles for Tree Pruners

12 ft. long, 1½-in. diam....\$2 00  
14 ft. long, 1½-in. diam.... 2 50

Clyde Tree Trimmer

**No. 5407.** Both blade and hook are made from the best tool steel, firmly riveted to bass-wood handles. Removable cutting blade and pole complete.

6 ft.....\$2 50  
8 ft..... 2 75  
10 ft..... 3 00  
12 ft..... 3 25  
14 ft..... 3 50

Extra Blades for Clyde Pruners, 25c. each.



No. 4



No. 7



No. D27

Disston Pruning Saws

If wanted by Parcel Post, add 15c. each for postage.

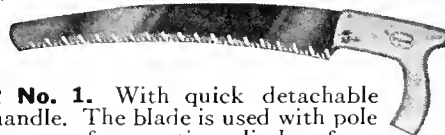
**No. 4.** 18-in., double edge.....\$1 75  
**No. 4.** 20-in., double edge..... 1 90  
**No. 7.** 16-in., single edge..... 1 50  
**No. 7.** 18-in., single edge..... 1 60  
**No. 7.** 20-in., single edge..... 1 85  
**No. 5.** 20-in., double edge, curved blade.. 1 85

**California Pattern.** 14-in. Crescent-shaped blade..... 1 25

**D27.** A superior Saw for tree-surgery work. Steel blade 6 in. wide at butt; 1¼ in. at the point, 26 in. long; hardwood handle. 3 50

Speed Saws

A patented Saw with new-design teeth in groups of 2 slicer teeth and one planer tooth. Made of the best rust-resisting steel, in excellent finish, and used by many for every purpose.



**TR No. 1.** With quick detachable handle. The blade is used with pole pruner for cutting limbs from ground. An all-purpose Saw. Very popular with all classes of users. 16-in. blade. Price, \$3.60.



**TR No. 3-14.** Similar to the above and used extensively by tree surgeons. 26-in. cut. Price, \$4.25.

Cross-Cut Log Saws

Disston Make

**No. 554. Champion.** One-man; 3-ft. blade.....\$3 50  
**Great American.** Two-man; 5-ft. blade. 5 50

Carpenter Saws

State if rip or cross cut is wanted.  
**No. 8D. Disston.** 26-in. blade.....\$3 25

Black Hawk Corn Sheller

Excellent for small poultry farms, etc., as it can be fastened to a bench, box, etc., for shelling small quantities of corn. Ball-bearing. Price, \$3.00 each (by Parcel Post, \$3.25).

Grafting Wax

¼lb., 20c.; 30c. per ½lb.; lb., 50c. (by Parcel Post, 60c.).

Tiffany Grafting Tool

Made of the best steel. For grafting trees, etc. Price, \$1.25 (by Parcel Post, \$1.35).



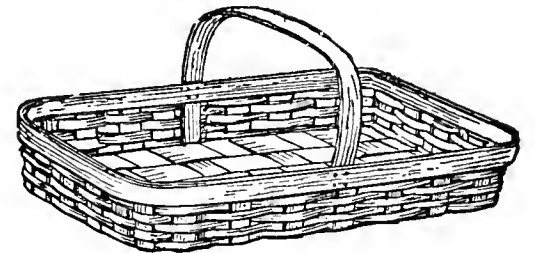
Garden Baskets

**No. 2. Stiff Handle.** ½ bus. Price, 85c. (by Parcel Post, \$1.00).

**No. 3. Drop Handle.** ½ bus. Price, 85c. (by Parcel Post, \$1.00).

**No. 4. Without Handle.** ½ bus. Price, \$1.00 (by Parcel Post, \$1.15). 1 bus. Price, \$1.10 (by Parcel Post, \$1.30).

**No. 36.** 14½-in. diam., 6 in. deep. Price, 75c. (by Parcel Post, 90c.).



Gathering Basket

Very convenient for carrying vegetables, etc. Made of oak, with substantial handles. 12 in. wide, 25 in. long, 4 in. deep. Price, \$1.00 (by Parcel Post, \$1.20).

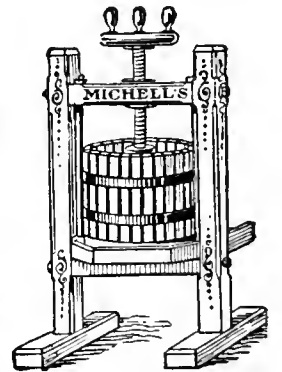
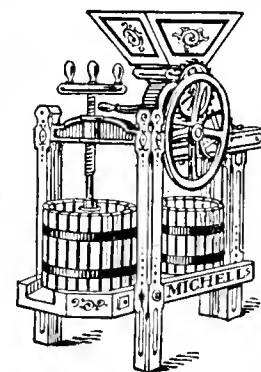
Flower-Picking Basket

Especially designed for gathering flowers with long stems; featherweight and roomy. 19 in. long, 11 in. wide, 4 in. deep. Price, 75c. (by Parcel Post, 90c.).

Splint or Chip Baskets

With Single Stiff Handles

	Each	Doz.		Each	Doz.
1/8 bus..	\$0 12	\$1 35	3/4 bus..	\$0 25	\$2 75
1/4 bus..	15	1 60	1 bus..	30	3 25
1/2 bus..	20	1 75			



Cider Mills

	Capacity	Each
<b>Junior.</b>	5/8 bus.	\$25 00
<b>Medium.</b>	3/4 bus.	31 00
<b>Senior.</b>	1 1/4 bus.	37 50

Fruit Presses

Made of best-quality wood, carefully bolted and finished.

	Capacity	Each
<b>No. 1.</b>	1/4 bus.	\$7 50
<b>No. 2.</b>	1/2 bus.	9 00
<b>No. 3.</b>	1 bus.	13 50

Grape Grinder

Suitable for crushing berries, grapes, and similar soft fruits.

**No. 18.**.....\$7 00  
**Handy Crusher.**..... 7 00

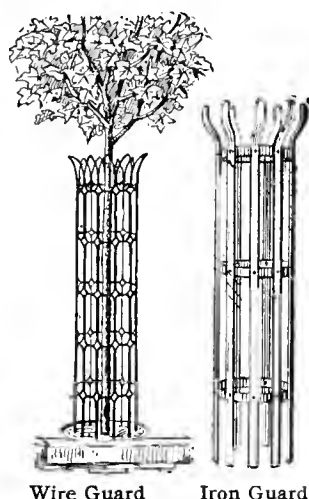
## MICHELL'S GARDEN and GREENHOUSE ACCESSORIES, Etc.

### Tree Guards

**Galvanized Wire.** Carefully made of heavy material and finished in a neat and substantial manner. Price, 12-in. diam., \$1.75 each; 9-in. diam., \$1.50 each.

### No. 4. Iron.

Made of flat iron finished black; will last indefinitely with an occasional painting. Price, \$4.50 each.



Wire Guard

Iron Guard

**Philadelphia Official Tree Guard.** Made of heavy, round iron. Price, \$6.50 each.

### Cedar Picket Fencing

Will wear for years without paint. Readily put up and saves time, labor, and expense of fence-building. 50-foot rolls are carried in stock; 75- and 100-foot rolls will be shipped from factory.

3 ft. high, 12c. per running foot.

4 ft. high, 14c. per running foot.

5 ft. high, 18c. per running foot.

### Wire Netting

Price is constantly changing and is subject to market.

**No. 19.** Galvanized; 2-inch mesh. 150 running feet per bale.

Width	Per bale	Width	Per bale
12 in.	\$1 50	42 in.	\$4 00
18 in.	2 25	48 in.	4 50
24 in.	3 00	60 in.	5 50
30 in.	3 25	72 in.	6 75
36 in.	3 75		

**No. 20.** Galvanized; 1-inch mesh. 150 running feet per bale.

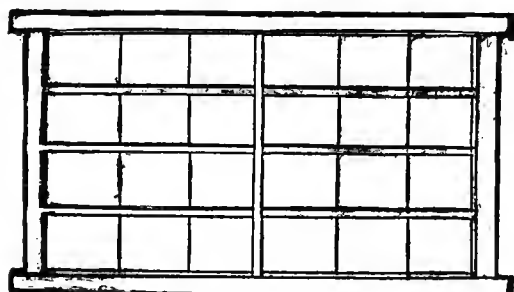
Width	Per bale	Width	Per bale
12 in.	\$2 75	42 in.	\$7 00
18 in.	4 00	48 in.	8 25
24 in.	4 75	60 in.	10 25
30 in.	5 50	72 in.	12 00
36 in.	6 25		

### Staples

For fastening netting. Price,  $\frac{3}{4}$ -in., 15c. per lb. (by Parcel Post, 25c.).

### Cut Wire Netting

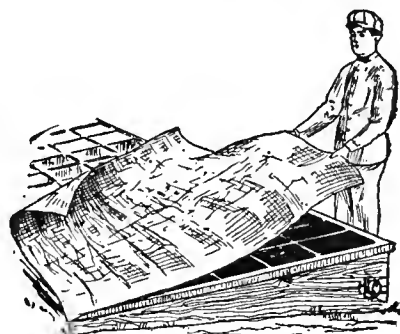
We can furnish this in both 1- and 2-in. mesh, in units of 25-, 50-, 75-, 100-, and 125-ft. lengths. Price, 1-in. mesh, 4c. per sq. ft.; 2-in. mesh, 2c. per sq. ft.



### Hotbed Sash

**Philadelphia Style.** Made of best-quality cypress. Size, 3 ft.,  $1\frac{1}{2}$  in. wide, 6 ft. long,  $1\frac{3}{4}$  in. thick. Plain, not glazed or painted. Price, \$3.75.

Glazed, primed and puttied. Price, \$7.75.



### Hotbed Mats

Hotbed Mats keep frost and severe cold out of frames. They mean earlier and bigger crops. The Burlap style is the best Mat that it is possible to procure. They are padded with shoddy and are practically indestructible.

**Burlap, Non-Waterproof.** 76 x 76 in., covering two regular size sash. Price, \$3.75 each.

**Burlap, Non-Waterproof.** 40 x 76 in., for one sash. Price, \$2.25 each.

**Burlap one side, Waterproof Drill one side.** 76 x 76 in. Price, \$4.75 each.

**Burlap one side, Waterproof Drill one side.** 40 x 76 in. Price, \$2.75 each.

Special sizes of the above Mats made to order. Prices on application.

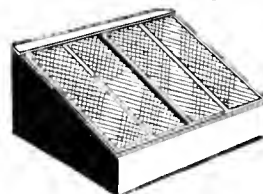
### Burlap

	Per yd.	Plain	Green
For covering shrubbery, etc.			
3 ft. wide, cut pieces	\$0 14	\$0 22	
Full pieces, 100 yds.	13	21	
40 in. wide, cut pieces	15	23	
Full pieces, 100 yds.	14	22	
4 ft. wide, cut pieces	17	25	
Full pieces, 100 yds.	16	24	

### Flex-O-Glass

A glazed cloth used in place of glass in poultry houses, hotbeds, greenhouses, etc. Transparent and readily admits light, while at the same time withholding cold, water and wind. 36 in. wide.

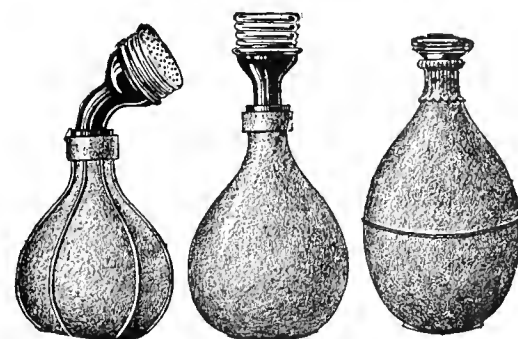
	Per yard
Cut pieces	\$0 25
Full roll lots (100 yds.)	23



### Cel-O-Glass

The real glass substitute for poultry houses, chicken coops, barns, etc.; also takes the place of glass in hotbed sash. 28- and 36-inch widths.

	28-in.	36-in.
Cut pieces, per running ft.	\$0 35	\$0 40
Full roll lots per running ft.	32	38



### Rubber Sprinklers

Spraywell style in either straight or crook neck.

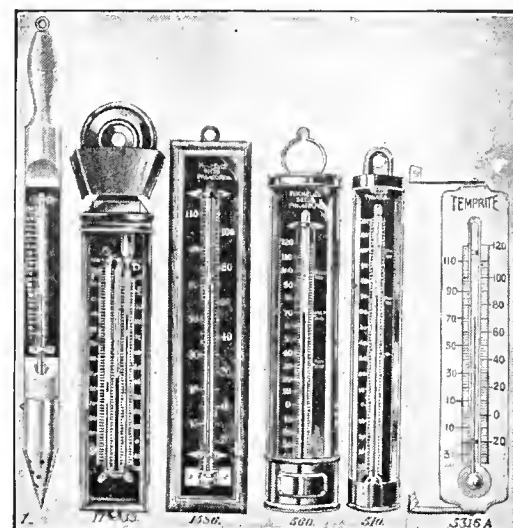
**No. 1. Spraywell Style.** 6-oz. capacity. \$0 80

**No. 2. Spraywell Style.** 8-oz. capacity. 1 00

**No. 3. Spraywell Style.** 10-oz. capacity. 1 20

**No. 1. Scollay.** 12-oz. capacity. 1 50

If wanted by Parcel Post, add 10c. each for postage.



### Thermometers

**No. 1757. Maximum and Minimum.** Registers the coldest and warmest point during the previous night. 10-in., black tin case. Price, \$4.75 (by Parcel Post, \$4.85).

### Tested Thermometers

If wanted by Parcel Post, add 10c. each for postage.

<b>No. 506.</b> 8 in. Tin case	\$0 85
<b>No. 510.</b> 10 in. Tin case	1 00
<b>No. 556.</b> 8 in. Greenhouse	1 25
<b>No. 560.</b> 10 in. Greenhouse	1 50
<b>No. 652.</b> 8 in. Genuine copper case	2 00
<b>No. 656.</b> 10 in. Genuine copper case	2 25
<b>No. 1582.</b> 8 in. Wood back; black scale	2 00
<b>No. 1586.</b> 10 in. Wood back; black scale	2 25
<b>No. 5127.</b> 8 in. Temprite greenhouse; white enamel; red column	1 00
<b>No. 5316A.</b> 8 in. Temprite Window or Wall; white enamel; red column	1 00

### Glass Dairy Thermometer

**No. 5724.** For testing milk, etc.; also used for soil purposes. Price, 50c. each (by Parcel Post, 60c.).

### Mushroom or Hotbed Thermometer

**No. 20450.** Iron point; oxidized finish. Price, \$3.00 (by Parcel Post, \$3.15).

### Recording Thermometer

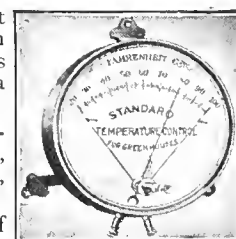
**No. 200.** This type of Thermometer, which can be equipped with either a daily or weekly chart, enables one to keep an accurate record of the temperature in his greenhouse during every hour of the day and night. The Thermometer is equipped with a high-grade clock and ink stylus which marks very accurately. It is an ideal installation. In ordering state if weekly or daily record chart is desired. Price, \$42.50, by Express.

### Electric Thermostat

This device can be set to ring an alarm when the temperature goes above or drops below a desired point. All brass.

**No. GH3.** Not waterproof style. Price, \$11.50 (by Parcel Post, \$11.75).

**No. GH4.** Waterproof style. Price, \$17.50 (by Parcel Post, \$17.75).



Thermostat



Let us know if we can help you with your garden problems

## MICHELL'S GARDEN and GREENHOUSE ACCESSORIES, Etc.

### Glazing Points

**Peerless.** Three sizes.  
**No. 1.** For single-thick glass.  
**No. 2.** For single-thick glass.  
**No. 2½.** For double-thick glass.

Price, 75c. per 1000 (by Parcel Post, 85c.).

**Pincers.** For driving Peerless Points. Price, \$1.00 (by Parcel Post, \$1.10).

**Siebert Style (Zinc).** Made with a prominent head; cannot rust; easily driven. ⅝-, ¾-, and 7⁄8-in. Price, 50c. per lb. (by Parcel Post, 60c.); \$2.35 for 5 lbs. (by Parcel Post, \$2.50). 1000 to 1200 in a lb.

**Zinc Glazing Nails.** Price, 50c. per lb. (by Parcel Post, 60c.).



No. 1. Peerless.  
No. 2. Siebert's.  
No. 3. Zinc nails.



### Glass Cutters

**Single Wheel.** Steel.....\$0 30  
**6-Wheel.** Steel.....50  
**No. 8. Small Diamond.** Ebony handle. 6 50  
**No. 8A. Large Diamond.** Mahogany handle.....7 50

### Liquid Glazing Putty

Superior to ordinary Putty; more easily applied and lasting. Can be put on with a Putty bulb or Mastica machine. Especially adapted for glazing wood and metal sash. Price, \$2.50 per gal.

### Masticote Glazing Cement

Black. Apply with a Mastica machine. Price, \$1.50 per gal.

### Mastica

For glazing greenhouses. One gallon will cover about 300 running feet. Price, \$2.50 per gal.

### Greenhouse Paint

A superior white paint for sash-bars, sash-frames, etc. Price, \$3.75 per gal.

### Skybryte Glass Cleaner

For taking off whitewash shading, etc. Coat the glass with Skybryte, flush off with water, and glass is clean. Five pounds to 20 gallons of water is sufficient for 20,000 square feet of glass. Price, \$4.00 for 5 lbs.; 25 lbs., \$16.50.

### Peerless Glass Repair Clamp

For supporting broken lights of glass. Will not rust. Price, \$1.75 per 100 (by Parcel Post, \$1.85).



### Glazing Chisel

Made of the best-quality steel. Price, \$1.40 (by Parcel Post, \$1.55).



### Glazit Gun

**Model B.** For applying liquid glazing putty, Mastica, etc. Price, \$4.50 (by Parcel Post, \$4.65).

### Putty Distributor

For distributing putty, Mastica, etc. See cut. Price, \$1.60 (by Parcel Post, \$1.70).

### Mastica Machine

For distributing Mastica, etc. Made of heavy zinc. Price, \$3.15 (by Parcel Post, \$3.30).



### Rubber Hose

	Per ft.
<b>Michell's Special.</b> ½-in.....	\$0 15
<b>Michell's Special.</b> ⅝-in.....	16
<b>Michell's Special.</b> ¾-in.....	17
<b>Electric.</b> You cannot kink it. ½-in.....	18
<b>Electric.</b> ⅝-in.....	19
<b>Electric.</b> ¾-in.....	20
<b>Super Bull Dog.</b> ¾-in.; green.....	23
<b>Torrent.</b> ¾-in.; red.....	21
<b>Spray Pump Hose.</b> ¾-in.....	16

All brands come in reels of 500 feet and sections in any length to that number of feet may be had.

25- and 50-foot sections of Hose coupled free. Smaller sections coupled at the rate of 30c. per pair for couplings.

**Hose Washers.** ¾-in., 5c. per doz.; ¼lb., 15c.; 50c. per lb. (by Parcel Post, 60c.). 1-in., 6c. per doz.; ¼lb., 30c.; \$1.00 per lb. (by Parcel Post, \$1.10).

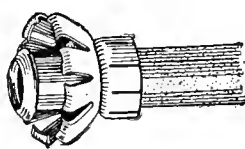


### Hose Menders

If wanted by Parcel Post, add 10c. per doz. for postage.

	Each	Doz.
<b>Cooper's.</b> ¾-in.....	\$0 10	\$1 00
<b>Cooper's.</b> ⅝-in.....	10	1 00
<b>Cooper's.</b> ½-in.....	10	1 00
<b>Jones Iron.</b> ¾-in.....	10	1 00

### Perfect Hose Menders



Made entirely of brass, with swivel motion—no band required.

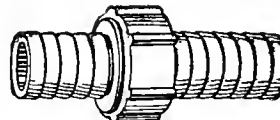
For ½-in. and ¾-in. hose. Price, 10c. each; doz., \$1.10 (by Parcel Post, \$1.25).

### Hose Couplings

If wanted by Parcel Post, add 5c. each; 20c. per doz. for postage.

	Pair	Doz.
<b>Plain Brass.</b> (See cut.) ½-in.....	\$0 20	\$2 00
<b>Plain Brass.</b> ⅝-in.....	20	2 00
<b>Plain Brass.</b> ¾-in.....	20	2 00

**Perfect.** Equipped with a clamp on the male and female part for securing to the hose, no band required. For ½- and ¾-in. hose (mention which is wanted when ordering). Price, 35c. per pair; doz., \$3.50.



### Hose Reducers

For reducing 1-in. pipe to fit regular ¾-in. hose. Price, 35c. each (by Parcel Post, 45c.).

### Caldwell's Hose Bands

If wanted by Parcel Post, add 10c. per gross for postage.

	Doz.	Gross
<b>No. 8.</b> For 4-ply hose.....	\$0 40	\$3 50
<b>No. 6.</b> For 3-ply hose.....	40	3 50

Pliers for above, 35c. per pair (by Parcel Post, 45c.).

### Sure Grip Hose Bands

Can be furnished in ½-in., ⅝-in. and ¾-in. Price, any size, 5c. each; doz., 40c. (by Parcel Post, 50c.).

### Noscrew Hose Clamp

Installed instantly without annoyance, by hand—no screw-driver or tools of any description required. Made of cold rolled steel, galvanized and nicked. Made in ½-in., ⅝-in. and ¾-in. sizes. Price, 11c. each; doz., \$1.20 (by Parcel Post, \$1.35).

### No. 68 Siamese Hose Connection

This permits one lead of hose to be diverted in two directions. Additional three-way connections can be used according to the water pressure. It is specially adapted for lawn sprinkling. Price, \$1.00 each (by Parcel Post, \$1.10).

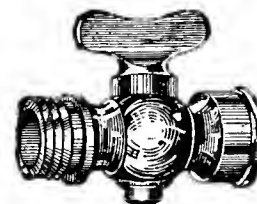
### Tradur Hose Connectors

Eliminates bother and waste of time in hose-connecting; non-leaking, even with high pump pressures; no springs, hooks, levers or special washers; gives long and satisfactory service.

¾-in. Faucet part. Price, 35c.

¾-in. Hose part. Price, 75c.

Complete set. Price, \$1.10.



### Shut-Off Connection

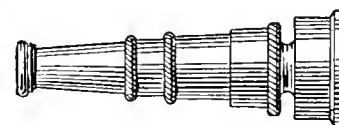
Cast brass, polished; ¾-in. male thread on one end; ¾-in. female thread on other end. Price, \$1.10 each.

### Aquamatic Nozzle

A high-grade water control, opening and closing automatically; made of heavy cast brass. Price, \$2.50 (by Parcel Post, \$2.60).

### Binks Nozzle

Made of aluminum, with brass face; equipped with interchangeable sprays, coarse and fine. Price, \$3.25 (by Parcel Post, \$3.35).

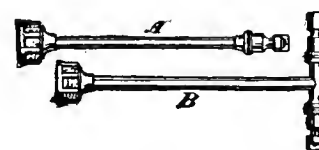


### Gem Pattern Nozzle

Can be regulated to give three different streams. ¾-in. hose. Price, 60c. (by Parcel Post, 70c.).

### Paradise Nozzle

Designed to syringe any and all greenhouse flowers. The fine spray has a washing effect. Price, \$3.00.



### Stott's Spray Nozzles

Excellent for spraying underneath foliage.

	By Parcel	Each	Post
<b>No. A. Single.....</b>	\$1 75	\$1 85	
<b>No. B. Double.....</b>	2 75	2 85	

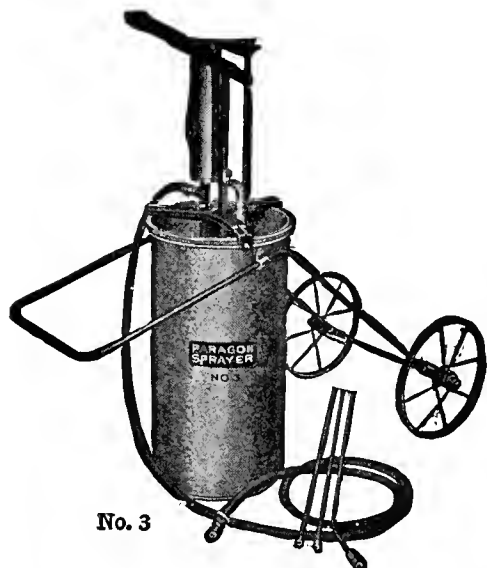
### Miscellaneous Nozzles By Parcel

	Each	Post
<b>Boston, Light Copper.....</b>	\$1 50	\$1 60
<b>Boston, Heavy Brass.....</b>	1 25	1 35

**Champion.** A dandy Nozzle for greenhouse use. Makes a spray or a solid stream. Easily adjusted. Price, 60c. each (by Parcel Post, 70c.).

A good sprayer is necessary if you expect good crops

## MICHELL'S SPRAYING and INSECTICIDE APPARATUS



No. 3

### The Paragon Sprayer

Excellent for applying whitewash.

**No. 0.** Capacity, 3½ gals. Equipped with 4-ft. special spray hose, 3-ft. spray pipe, and 3 nozzles. Price, \$13.00.

**No. 1.** Capacity, 6 gals. Equipped with 5-ft. special spray hose, 5-ft. spray pipe, and 3 nozzles. Price, \$17.75.

**No. 3.** Capacity, 12 gals. Equipped with truck, 10-ft. special spray hose, 7½-ft. spray pipe, and 3 nozzles. Price, \$23.50; without truck, \$19.50.

We can also supply this Sprayer with single wheel at same price.

**No. 4.** Capacity, 28 gals. Equipped with truck, 20-ft. special spray hose, 10-ft. spray pipe, and 3 nozzles. Price, \$39.50.

**No. 5.** Capacity, 50 gals. Equipped with 25-ft. special spray hose, 10-ft. extension pipe, one 3-way spray nozzle, 1 single-spray nozzle; no truck. Price, \$45.00.

**Bucket Washers** for Paragon Sprayers, 25c.



Auto Spray

### Auto Spray

A compressed - air sprayer with open head and strongly reinforced corrugated tank.

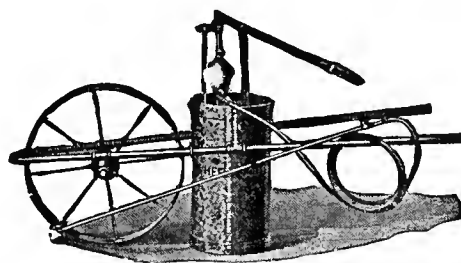
**No. 4-B. Brass Tank.** Capacity, 4 gals. Equipped with hose and Auto-Pop Attachment. Price, \$9.90 (by Parcel Post, \$10.15).

**No. 4-D. Steel Tank.** Capacity, 4 gals. Equipped with hose and Auto-Pop. Price, \$6.50 (by Parcel Post, \$6.75).

**No. 3-D. Steel Tank.** Capacity, 3 gals. Equipped with hose and Auto-Pop. Price, \$5.65 (by Parcel Post, \$5.90).

**Auto-Pop Nozzle Attachment.** Controls the flow instantly by a pressure of the hand. When Auto-Pop Attachment is purchased separately, price, Plain, \$1.50 (by Parcel Post, \$1.60); complete with hose, \$2.00 (by Parcel Post, \$2.15).

All prices are subject to market changes



### Deming Wheelabout Sprayer

Extreme width, 18 in.; 24-in. wheel, with 3-in. tread. Pump has 1½-in. diam. cylinder, with adjustable stroke. Equipped with 12-gal. galvanized tank, 10 ft. of hose, 4-ft. extension pole, nozzle and shut-off valve. Price, \$32.50.



### Myers Kwikfill Compressed Air Sprayer

**No. 2242. Galvanized Tank.** Capacity, 4 gals. 18-in. brass extension rod. Weight, 13 lbs. Price, \$5.75 (by Parcel Post, \$6.00).

**No. 2242B. Brass Tank.** Capacity, 4 gals. 18-in. brass extension rod. Weight, 13 lbs. Price, \$10.00 (by Parcel Post, \$10.25).

### Myers New Idea Knapsack Spray Pump

**No. 1330. Galvanized Tank.** Capacity, 4 gals. 18-in. brass extension rod. Weight, 15 lbs. Price, \$13.00 (by Parcel Post, \$13.25).



### Compressed Air Sprayer

**No. 26D.** Sprays on both the up and down stroke of the plunger; will handle all insecticides, disinfectants, etc.; brass pump cylinder; copper bronze container; combined straight and angle nozzle. Capacity, 1 qt. Price, \$1.75.



### Streamline Blizzard Sprayer

**No. 14C. Solid Copper Tank.** Capacity, 1½ qts. Weight, 2½ lbs. Continuous spray. Price, \$2.00.



### Vermorel Knapsack Sprayer

A new copper Knapsack Sprayer which works on a compressed-air principle. Compact in construction and light in weight, so that it can be easily carried around. Price, \$16.00 (by Parcel Post, \$16.30).

### Wheelbarrow Sprayer

**No. 50.** Adapted for spraying vegetable crops, flowers, vineyards, orchards, etc.; also for spraying disinfectants. All working parts brass. 8 ft. of hose. Price, \$16.00, f.o.b. Philadelphia.

With Brass Tank, \$23.50, f.o.b. factory.

### Gould's Fruitall Barrel Pump

A high-grade Pump at an attractive price. Cylinder 2-in. diam. Bronze wearing parts. Price, plain Pump, no hose, nozzle or barrel, \$12.00.

**Outfit C.** With agitator, one 25-ft. lead of ½-in. spray hose and one Mistry Jr. nozzle (no barrel). Price, \$16.75.

**Outfit D.** With agitator, two 25-ft. leads of ½-in. spray hose and 2 Mistry Jr. nozzles (no barrel). Price, \$21.50.

### Gould's Pomona Barrel Pump

Can be used for feeding one or two leads of hose. All working parts are bronze, with lasting qualities. Price, plain Pump, 2½-in. diam. cylinder only (no barrel), \$22.00.

**Outfit C.** With one 25-ft. section ½-in. spray hose and 1 Mistry Jr. nozzle (no barrel). Price, \$26.75.

**Outfit D.** With two 25-ft. sections ½-in. spray hose and 2 Mistry Jr. nozzles (no barrel). Price, \$31.50.

**Barrels** for holding spray solution, 50-gal. capacity. Price, \$7.00.

**Truck** with 3½-in. tire wheels. Price, \$22.00.

### Rubber Funnel Strainer



For quickly straining and pouring liquids into any compressed-air sprayer tank; 4-in. diam., removable brass, nickel-plated strainer. Price, 35c.

## MICHELL'S SPRAYING and INSECTICIDE APPARATUS, Etc.

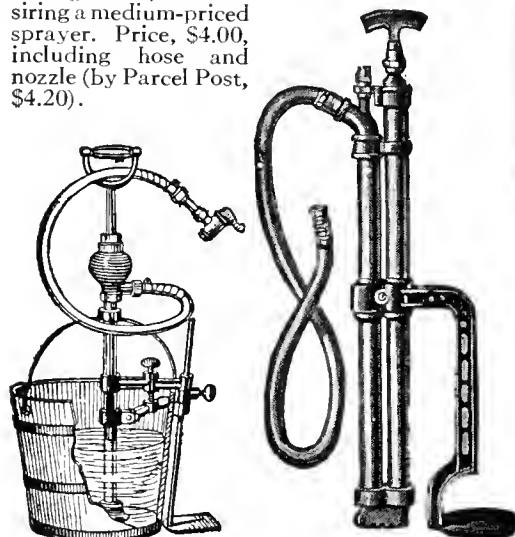


### Brown's Bucket Spray Pump

**No. 5.** Throws a continuous spray on both the up and down strokes; generates a pressure of 200 pounds. Equipped with a brass suction strainer as well as another strainer in the nozzle. Price, \$4.50 (by Parcel Post, \$4.70).

### Myers Bucket Pump

**No. 327 1/2.** This is a double brass chamber arrangement, and fills the want of those desiring a medium-priced sprayer. Price, \$4.00, including hose and nozzle (by Parcel Post, \$4.20).

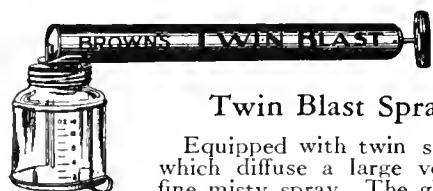


Perfect Success

Myers Pump

### Perfect Success Bucket Pump

**No. 689.** With bucket fastener; made entirely of brass, except the foot-rest and hand-grip. The price does not include bucket, but includes nozzle and 3 1/2 ft. of 3/8-in. hose, \$8.00 (by Parcel Post, \$8.25).



### Twin Blast Sprayer

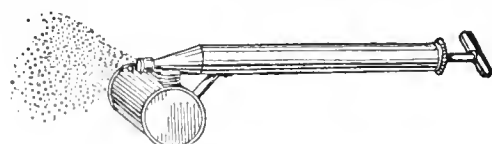
Equipped with twin spray jets which diffuse a large volume of fine misty spray. The glass tank enables the operator to know exactly how much liquid is in the container. Capacity, 1 qt. Price, 75c. (by Parcel Post, 85c.).



### Michell's Compressed Air Sprayer

One of the best hand Sprayers; easily operated. Especially desirable for ladies' use.

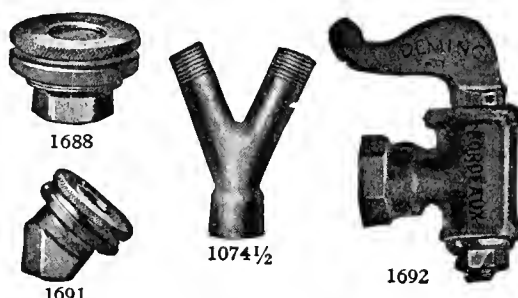
**Tin.** Price, 90c. each (by Parcel Post, \$1.00).  
**Brass.** Price, \$1.75 each (by Parcel Post, \$1.90).



### Cyclone Hand Sprayer

Similar to the above, but with no automatic air reservoir.

**No. 112.** Tin; large. Price, 50c. (by Parcel Post, 60c.).



### Spray Nozzles

(3/8-in. Thread)

If nozzles are wanted by Parcel Post, add 10c. each for postage.

**Mistry, Jr.** (Fig. 1688). Straight style... \$1 00  
**Mistry, Jr.** (Fig. 1691). Elbow style... 1 00

**Fig. 1074 1/2.** Y connection for making a double spray-head nozzle... 40

**Bordeaux Nozzle.** (Fig. 1692)... 1 25

**Reducer. No. 966.** Brass, 3/4- to 3/8-in... 60



### Heavy Brass Syringes

No.	Diam.	Length	Each	By Parcel Post
99.	1 1/2 in.	18 in. 1 spray...	\$3 50	\$3 70
101.	1 1/4 in.	14 in. 2 sprays...	4 00	4 20
101A.	1 1/2 in.	16 in. 2 sprays...	5 00	5 20
110.	1 3/4 in.	20 in. 2 sprays...	8 00	
120.	1 3/4 in.	20 in. Adjustable...	10 00	

### Extension Pipes, Etc.

For reaching into trees; 3/8-in. threads.

**Bamboo.** Brass-lined. 8 ft... \$6 00

**Bamboo.** Brass-lined. 12 ft... 6 50

**Brass.** 2 ft. (by Parcel Post, 70c.)... 60

**Pet Cock.** For extension pipes... 1 25

**Paragon Extensions.** 2 1/2-ft. (by Parcel Post, 70c.)... 60

### Vaporizing Lamp

Practical and indestructible; all metal; burns kerosene; used for dispensing fumes of Nikoteen and other preparations of this sort. Price, 75c. (by Parcel Post, 85c.).

### Woodason Hand Bellows

	Each	By Parcel Post
Small Single Cone...	\$3 00	\$3 20
Sulphur Bellows...	4 00	4 20
Large Double Cone...	6 50	6 75
Large Single Cone...	4 50	4 70

### Galvanized Watering-Cans

Made of light galvanized iron.

4 qt. .... \$0 90

6 qt. .... 1 00

8 qt. .... 1 20

10 qt. .... 1 35

12 qt. .... 1 50

16 qt. .... 2 00

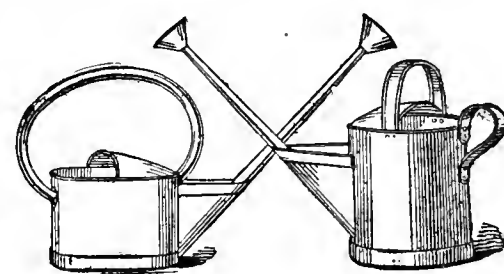
If Michell's Watering-Cans are wanted by Parcel Post, add 20c. each for postage.



### Parlor Watering-Can

For enclosed porch- and window-boxes; oval shape; enameled; assorted colors; long spout.

	Each
2-qt., tin, enameled...	\$1 25
2-qt., copper...	2 00



### Wotherspoon's Watering-Cans

Galvanized; extra heavy, with long spout and two roses—one coarse and one fine. These cans are not available.

	Round	Oval
4 qt. ....	\$4 50	
6 qt. ....	4 75	\$5 50
8 qt. ....	5 00	5 75
10 qt. ....	5 50	6 00
12 qt. ....	6 25	6 75
16 qt. ....	7 25	7 75
4 qt. Fern or Low Watering-Can.	4 00	

### Extra Roses or Sprays

For Wotherspoon's Watering-Cans, either coarse or fine. Price, 60c. (by Parcel Post, 70c.).

### Aprons

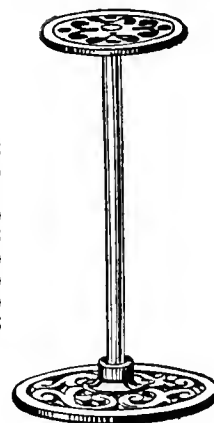
For protecting the clothing while watering, etc.

	Each
<b>Rubber.</b> .....	\$2 25
<b>Blue Denim.</b> .....	1 50

### Iron Plant Stands

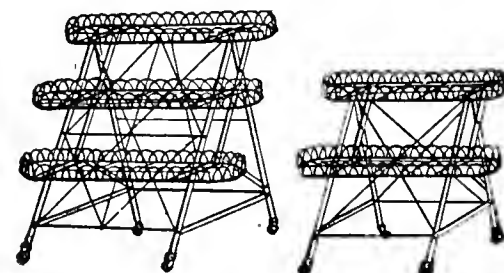
Enameled green

Size	Size of Plates	Each
12 in. 5 x 7 in. ....		\$1 65
18 in. 5 x 7 in. ....		2 00
24 in. 8 x 10 1/2 in. ....		2 75
30 in. 8 x 10 1/2 in. ....		3 00
36 in. 8 x 10 1/2 in. ....		3 25
42 in. 8 x 10 1/2 in. ....		3 30
48 in. 8 x 12 in. ....		3 50
60 in. 8 x 12 in. ....		3 60
72 in. 8 x 12 in. ....		4 25



### Extra Plates for Iron Stands

	Each
5 in. ....	\$0 75
7 in. ....	85
8 in. ....	1 00
10 1/2 in. ....	1 25
12 in. ....	1 50



### Wire Plant Stands

Painted dark green and finished in bronze; very substantial and will carry almost any weight that can be placed on them. We recommend the Jones style, as it is collapsible and takes up very little space when not in use.

	Height	Width	Depth	Each
Jones, 1 shelf....	27 in.	25 in.	14 in.	\$2 50
Jones, 2 shelf....	28 in.	30 in.	21 in.	5 00
Jones, 3 shelf....	36 in.	30 in.	22 in.	6 00

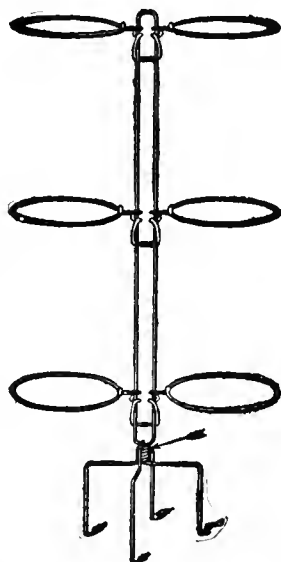


## MICHELL'S GARDEN and GREENHOUSE ACCESSORIES, Etc.

### Michell's Double Carnation Supports

#### 3-Ring

The best Double Support on the market. Made of Nos. 11 and 14 galvanized wire, 28 inches high. Can be put together in less than a minute; will not fall apart.  
Doz.....\$1 75  
100.....12 50  
1000.....110 00



Carnation Support

### Michell's Double Snapdragon Supports

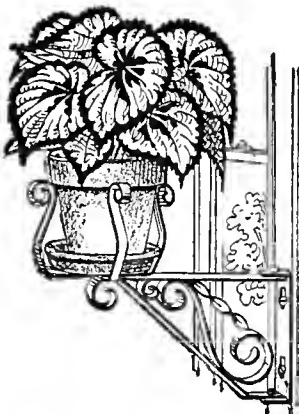
The only Support of the kind on the market and indispensable to the proper growing of this popular plant. 48 inches high; 3-ring. Price, doz., \$2.50; \$16.50 per 100.

### Jones' Pot Bracket

**No. 1.** Holds 5-in. pot. Price, 60c. (by Parcel Post, 70c.).

**No. 2.** Holds 6-in. pot. Price, 70c. (by Parcel Post, 80c.).

**No. 3.** Holds 7-in. pot. Price, 85c. (by Parcel Post, 95c.).



### Plant Stakes

#### No. 10 Steel Wire, Galvanized

	Doz.	100	1000
2 -ft.....	\$0 30	\$1 50	\$10 00
2½ -ft.....	35	1 90	12 50
3 -ft.....	40	2 10	14 00
3½ -ft.....	45	2 40	16 00
4 -ft.....	55	2 95	19 75
4½ -ft.....	60	3 05	20 50
5 -ft.....	70	3 60	24 00
6 -ft.....	80	3 90	26 00

#### No. 8 Steel Wire, Galvanized

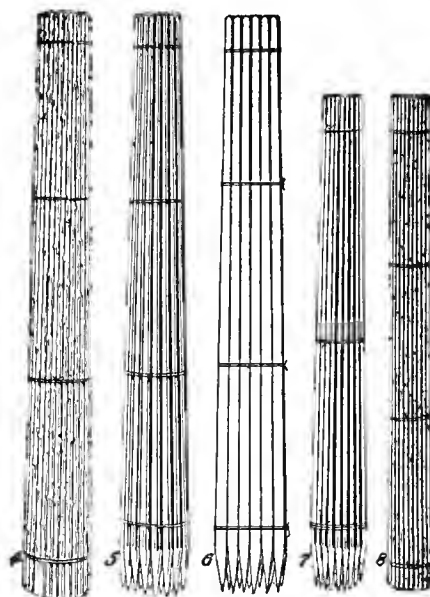
	Doz.	100	1000
For staking American Beauty and other strong-growing roses.			
2 -ft.....	\$0 40	\$2 10	\$14 00
2½ -ft.....	50	2 50	17 00
3 -ft.....	60	3 15	21 00
3½ -ft.....	70	3 60	24 00
4 -ft.....	80	4 00	27 00
4½ -ft.....	85	4 35	29 00
5 -ft.....	90	4 50	30 00
6 -ft.....	1 10	5 60	37 50

#### Green Painted Tapering Plant Stakes

	Each	Doz.	100
1½ -ft.....	\$0 03	\$0 25	\$1 75
2 -ft.....	05	45	3 25
2½ -ft.....	06	65	4 75
3 -ft.....	09	85	6 25
3½ -ft.....	10	1 00	7 50
4 -ft.....	12	1 25	9 00
5 -ft.....	15	1 50	11 50

#### Ash Wood Garden Stakes

	Each	Doz.	100
3-ft.....	\$0 07	\$0 70	\$5 00
4-ft.....	10	1 00	7 00
5-ft.....	12	1 25	8 50
6-ft.....	20	1 85	14 00



Key to above illustration: No. 4, Japanese Cane, natural; No. 5, Dahlia; No. 6, Square; No. 7, Tapering; No. 8, Japanese Cane, green

#### Green Painted Rose or Dahlia Stakes

	Each	Doz.	100
3-ft.....	\$0 12	\$1 25	\$9 50
4-ft.....	17	1 75	13 00
5-ft.....	22	2 25	16 50
6-ft.....	25	2 75	20 00

#### Square Painted Plant Stakes

	Each	Doz.	100
1½ -ft.....	\$0 04	\$0 30	\$1 75
2 -ft.....	05	50	2 50
2½ -ft.....	07	65	3 00
3 -ft.....	10	1 05	6 25
4 -ft.....	12	1 25	9 50
5 -ft.....	16	1 65	12 75
6 -ft.....	20	1 75	14 00

#### Hyacinth Stakes, Wood, Dyed Green

Used for staking hyacinths, tulips, and slender plants.

	Doz.	100	1000
5-in.....	\$0 05	\$0 20	\$1 00
12-in.....	07	30	1 75
18-in.....	10	40	2 50

#### Japanese Cane Stakes

These are very attractive for all purposes of plant staking; thin and very strong.

	Doz.	100	1000
1½ -ft., Green.....	\$0 10	\$0 35	\$2 50
2 -ft., Green.....	12	40	3 00
2½ -ft., Green.....	15	50	3 75
3 -ft., Green.....	20	60	4 50
3½ -ft., Green.....	22	75	5 50
4 -ft., Green.....	25	1 00	6 50
5 -ft., Green.....	30	1 25	8 00
6 -ft., Natural.....	35	1 50	12 50

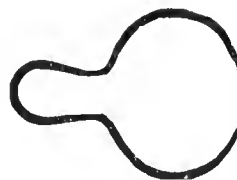
#### Chinese Tonkin Bamboo Stakes

A heavy, substantial stake for dahlias, ivy, young trees, etc.

	Doz.	100
4 ft. high, ¾-in. diam.....	\$0 55	\$3 00
6 ft. high, ¾- to ¾-in. diam.....	75	5 50

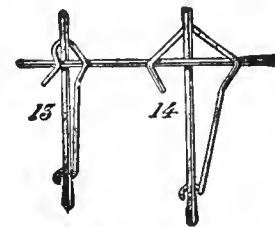
#### Lightning Wire Stake Tie

For fastening plants to stakes, either wire or wood. Can be used many times. Price, 35c. per 100; per 1000, \$2.50 (by Parcel Post, \$2.60).



### Stake Fasteners

These take the place of string entirely, lasting several seasons. Used for fastening cross wires to galvanized stakes.



Eureka Everlasting  
500 1000

**Everlasting Style.** Heavy.....\$1 75 \$3 00  
**Eureka Style.** Light.....1 25 2 25

If wanted by Parcel Post, add 10c. per 500; 15c. per 1000 for postage.

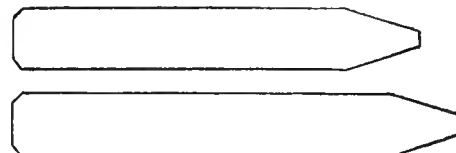
### Bamboo Poles

Used extensively for brushing worm casts off putting greens; also for staking young trees.

	Each	Doz.	100
16-ft.....	\$0 25	\$2 50	\$15 00
18-ft.....	35	3 25	22 00
20-ft.....	45	4 00	27 50

### Wood Poles

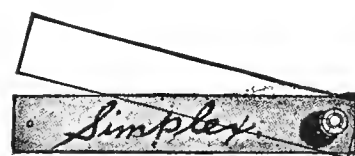
	Each
12-ft., 1½-in. diam.....	\$2 00
14-ft., 1½-in. diam.....	2 50



### Painted Pot Labels

	By Parcel Post	1000
4-in.....	\$0 35	\$0 40
4½-in.....	40	45
5-in.....	45	50
6-in.....	50	60
8-in.....	1 50	1 70
10-in.....	1 60	1 90
12-in.....	2 00	2 45
18-in., for field use.....	4 75	5 00

The 18-in. Field Labels are not painted.



Plant Label

### Simplex Weather-Proof Plant Label

The material carrying the writing is white celluloid with a specially prepared surface, protected by a transparent cover of mica. Marking done with an ordinary lead pencil is not affected by severe weather conditions and will last for years. Adapted for all outdoor garden records.

Prices include copper wires for attaching.

	Doz.	100
<b>No. 1.</b> 3 x ½ in.....	\$0 50	\$3 00
<b>No. 2.</b> 4 x ¾ in.....	85	5 00
<b>No. 3.</b> 5 x 1 in.....	1 10	7 00

If wanted by Parcel Post, add 5c. per doz.; 10c. per 100 for postage.

### Simplex Weather-Proof Garden Label

Card-holder is made of special Armco rust-proof galvanized iron. The stake is 24 inches long, finished in dark green, enameled.

	Each	Doz.
<b>No. 10.</b> 2¾ x 1½ in.....	\$0 30	\$3 00

Garden Label

*Cheap seed is a waste of time, labor and fertilizer*

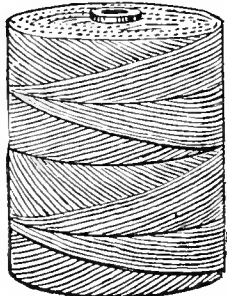
## MICHELL'S HORTICULTURAL and GARDEN SUPPLIES



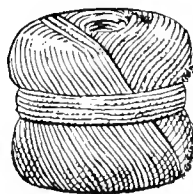
### Tree Labels

If wanted by Parcel Post, add 10c. per 100, 25c. per 1000 for postage.

	100	1000
<b>Iron, Wired.</b> Plain.....	\$0 35	\$2 60
<b>Iron, Wired.</b> Painted.....	40	3 00
<b>Copper, Wired.</b> Plain.....	40	2 60
<b>Copper, Wired.</b> Painted.....	50	3 00
<b>Copper Sheet, Wired.</b> 25c. doz..	2 00	
<b>Zinc Sheet, Wired.</b> 25c. doz....	2 00	
<b>Indelible Marking Pencils.</b> 15c. ea.		



Peerless Twine

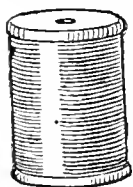


Green Sea Island Twine

### Twines, Etc.

If wanted by Parcel Post, add 10c. per lb. for postage.

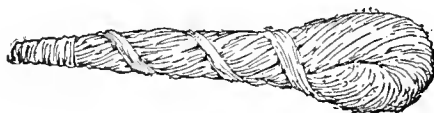
	Lb.	
<b>No. 108. White Cayuga.</b> Ball		
Medium.....	\$0 35	\$0 65
<b>No. 208. White Cayuga.</b> Heavy.	35	65
<b>Jute.</b> 2-ply and 3-ply.....	15	25
<b>Linen Bouquet.</b> .....	15	85
<b>Green Sea Island.</b> .....	10	70
<b>No. 4 1/2. Japanese Twine.</b>		
Medium heavy.....	30	
<b>White Cotton.</b> 3-ply.....	10	55
<b>Peerless.</b> Color, Nile-green.....		70
<b>Tarred.</b> For mat-making.....	30	
<b>Tarred Sisal.</b> For fodder.....		16



Green Silkline

**Binder.** 5-lb. balls, 80c.  
**Express.** Very heavy. 25  
**Green Silkline.** For stringing smilax and asparagus, etc. F, fine; FF, medium; FFF, coarse, 35c. per spool; per lb. (8 spools), \$2.75.  
**Everbest Thread.** Very similar to the above; fast color. Price, 25c. per spool; per lb., \$1.50.

### Raffia



For tying, basket-making and fancywork; very long and fibrous.

**Natural Color.** Price, 40c. per lb. (by Parcel Post, 50c.); 5 lbs., \$1.90 (by Parcel Post, \$2.05).

**Green.** Price, 75c. per lb. (by Parcel Post, 85c.); 5 lbs., \$3.50 (by Parcel Post, \$3.65).

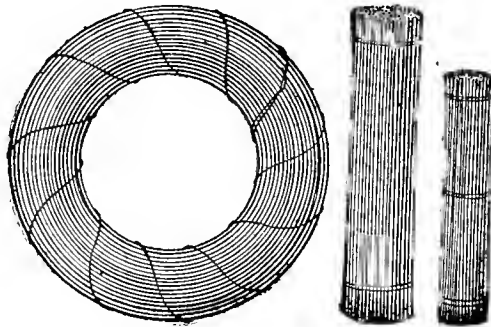
### Raffia Tape



Raffia Tape

This is made of a composition of paper and linen and is very strong. It is about 1/8 inch wide and comes 250 yards to a spool. It is very desirable for tying bouquets, flower-boxes, or for any other purpose where attractive tying material is desired. Color, Nile-Green. Price, per spool of 250 yards, 80c. (by Parcel Post, 90c.); 6 spools, \$4.75 (by Parcel Post, \$4.95).

All prices subject to market changes



### Wire

If wanted by Parcel Post, add 10c. per lb.; 25c. per 12 lbs. for postage.

	Lb.	12-lb. Stone
<b>No. 16.</b> Galvanized.....	\$0 20	\$1 50
<b>No. 18.</b> Galvanized.....	25	1 65
<b>No. 19.</b> Galvanized.....	25	1 80
<b>No. 20.</b> Galvanized.....	25	1 90
<b>No. 22.</b> Galvanized.....	30	2 00
<b>No. 16.</b> Annealed.....	18	1 40
<b>No. 18.</b> Annealed.....	20	1 50
<b>No. 20.</b> Annealed.....	25	1 75
<b>No. 22.</b> Annealed.....	25	1 85
<b>No. 24.</b> Annealed.....	30	2 00

### Tinned Wire

Used for bunching celery, etc.

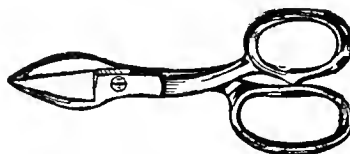
**No. 19.** In 10-lb. boxes, cut 8 1/2 in. Price, 30c. per lb.; per box, \$2.25.

### Cut Bouquet Wire

For stemming flowers

In 9-, 12-, or 18-in. lengths.

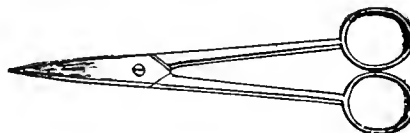
<b>No. 20.</b> 25c. per lb.; per box, 12 lbs.....	\$2 00
<b>No. 22.</b> 30c. per lb.; per box, 12 lbs.....	2 50
<b>No. 24.</b> 35c. per lb.; per box, 12 lbs.....	3 00



### Wire and Tin Shears

If wanted by Parcel Post, add 10c. each for postage.

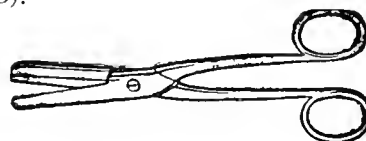
<b>No. 369.</b> 7-in.; serrated edge; long blade.	\$1 75
<b>No. 833.</b> 7 1/2-in. Used for cut-flower wire, etc.....	1 30
<b>No. 832.</b> 8-in. Used for cut-flower wire, etc.....	1 40
<b>No. 12.</b> 8-in. For heavy wire and tin...	1 40
<b>No. 10.</b> 10-in. For heavy wire and tin...	2 20



### Grape Scissors

For thinning out bunches of grapes and not disturbing the berries that are to remain for development.

**No. 846.** 6-in. Price, \$1.25 (by Parcel Post, \$1.35).

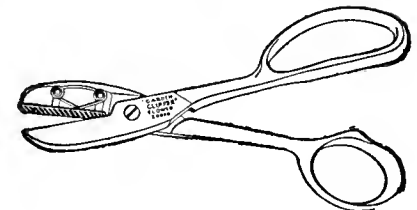


### Flower Scissors

**No. 575.** Cuts flowers and holds the stem. Price, \$2.00 (by Parcel Post, \$2.10).

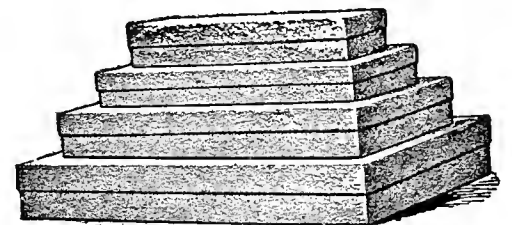
### Wilt-Less Flower Cutter

Makes a clean, slicing cut; cuts the stem slantwise, no crushing; rustless. Flowers cut the Wilt-Less way always keep better. Price, \$1.75 (by Parcel Post, \$1.85).



### Eversharp Flower Shears

**No. 1248.** A wonderful help in cutting and gathering flowers. Snips and holds in one motion. Handy for picking flowers that are hard to reach. Price, 75c.



### Cut-Flower Boxes

#### Corrugated Paper

These are desirable for shipping cut-flowers from country estates to city residences.

	Each	Doz.
48 x 14 x 8 in.....	\$0 60	\$5 00
42 x 14 x 8 in.....	50	4 00
36 x 14 x 6 in.....	45	3 50
30 x 12 x 6 in.....	40	3 00
24 x 8 x 5 in.....	25	2 00

### Light-weight Paper

Mist green, lined orchid inside. The sizes offered in this finish are carried in stock; other sizes in this finish, also in manila, mist tan, and oxford gray, can be supplied on short notice.

	Doz.	100
18 x 5 x 3 in.....	\$0 70	\$4 40
24 x 5 x 3 1/2 in.....	1 10	7 00
24 x 8 x 4 in.....	1 30	8 80
28 x 8 x 5 in.....	2 00	12 25
30 x 10 x 6 in.....	2 25	16 50
30 x 12 x 7 in.....	3 00	21 00
36 x 8 x 5 in.....	2 25	16 50

### Paper for Wrapping Boxes and Flowers

	Lb.	1/2 Ream	Ream
<b>Manila.</b> For wrapping...	\$0 20	\$2 25	\$4 00
<b>Manila Tissue.</b> .....	25	1 10	2 00
<b>White Wax.</b> 24 x 36 in...	35	1 50	2 75
<b>Green Wax.</b> 24 x 36 in...	40	1 75	3 00

### Crepe Paper

#### WATERPROOF

Colors: moss-green, Nile-green, red, blue, pink, yellow, purple, lavender, and white. Price, 60c. per roll (by Parcel Post, 70c.).

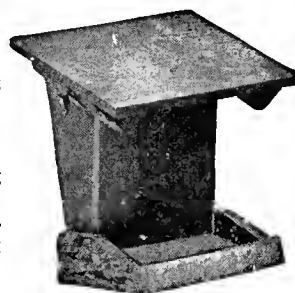
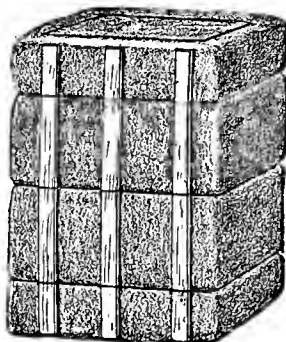
### Roofing Paper, Etc.

	Sq. ft.	Per roll
<b>Marley Rubber Roofing.</b> 2-ply..	108	\$3 00
<b>Marley Rubber Roofing.</b> 3-ply..	108	3 50
<b>Caps</b> for paper. Price, lb., 15c. (by Parcel Post, 25c.); 5 lbs., 70c. (by Parcel Post, 85c.).		
<b>Nails</b> for paper. Price, lb., 15c. (by Parcel Post, 25c.); 5 lbs., 70c. (by Parcel Post, 85c.).		

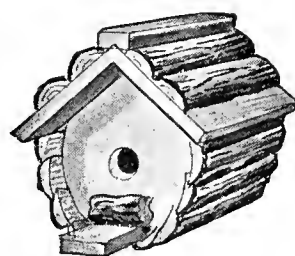
# Parcel Post charges cover postage and special packing required

## Sundries

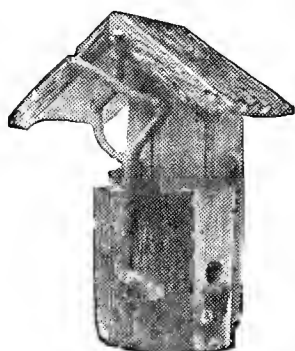
- Bulb Fibre.** Qt., 15c.; 45c. per  $\frac{1}{2}$  pk.; pk., 75c.; \$1.25 per  $\frac{1}{2}$  bus.; bus., \$2.00.
- Bull Dog Clips.** For fastening packages, etc. \$1.00 per box (by Parcel Post, \$1.10).
- Carnation Bands.** (Rubber.) For mending burst calyx. 25c. per oz.;  $\frac{1}{4}$  lb., 90c.
- Carnation Clips (Baur's).** For mending carnations. \$1.50 per 1000. Pliers for attaching same, \$3.25.
- Carnation Staples.** (Wire.) 50c. per 1000.
- Celery Paper.** For winter protection. 500 sq. ft. per roll. Price, \$2.00 per roll. Prices on larger quantities quoted on application.
- Celery Tape.** Fast red, in 1000-yard spools. Price, \$4.50 (by Parcel Post, \$4.65).
- Celery Tape.** Green, in 1000-yard spools. Price, \$3.50 (by Parcel Post, \$3.65).
- Charcoal, Lump.** For use in potting. Pk., 65c.; \$1.50 per bus.; bbl. sack, \$2.00.
- Charcoal, Ground.** Coarse, fine, and powdered. Lb., 10c.; 35c. for 5 lbs.; 10 lbs., 60c.; \$1.25 for 25 lbs.; 100 lbs., \$3.50.
- Moss, Green Lump.** Pk., 50c.; \$1.50 per bus.; bbl. bag, \$2.50.
- Moss, Green Sheet.** Lb., 30c.; \$2.50 per bag.
- Moss, Sphagnum Dry.** Bbl. bags, \$1.25; \$3.00 per large bale.
- Moss, Sphagnum, Live.** Pk., 40c.; \$1.25 per bus.; bbl., \$3.00.
- Mouse Seed.** For destroying mice. Pkg., 25c.
- Pearl Chips.** For bulb bowls, aquariums, etc. White or colored. 1-lb. pkg., 10c. (by Parcel Post, 20c.); \$1.00 per 12 pkgs.; In bulk, white, 10 lbs., 75c.; Colored, 10 lbs., \$1.00.
- Peat or Leaf Mould.** Pk., 45c.; \$1.25 per bus.; bbl., \$3.00.
- Peat, Orchid.** Pk., 60c.; \$1.60 per bus.; bbl. bag, \$3.25.
- Pebbles.** Qt., 10c.; 75c. per pk.; bus., \$2.50; \$5.00 per bbl. sack.
- Pruning Compound or Tree Paint.** Qt., 50c.; \$1.50 per gal.
- Rat Paste (Zelio).** For destroying rats, mice, and other rodents. 2-oz. tube, 50c.
- Sand.** For propagating. Qt., 10c.; 40c. per pk.; bus., \$1.40; \$3.00 per bbl. sack.
- Shaderine.** For shading greenhouse glass. 5 lbs., \$1.50; \$2.75 per 10-lb. can.
- Soil.** For potting; mixed with humus and fertilizer. Qt., 10c.; 25c. per  $\frac{1}{2}$  pk.; pk., 40c.; \$1.50 per bus.; bbl. bag, \$3.25.
- Soil.** Plain top. 100-lb. bag, \$1.00; \$4.50 per 500 lbs.; 1000 lbs., \$8.00; \$15.00 per ton, in bags. Truckload in bulk (about 3 tons), \$25.00 per load.
- Tin Foil, Plain.** In 5- and 6-inch widths, 1-lb. pkg., 25c. (by Parcel Post, 35c.); 5 lbs. for \$1.00 (by Parcel Post, \$1.15); 5-inch width in 5-lb. rolls, \$1.00 (by Parcel Post, \$1.15). Green or violet, in 1-lb. pkgs., 50c. (by Parcel Post, 60c.).
- Toothpicks.** Wired. Per 1000, 50c.; \$3.50 per 10,000.
- Toothpicks.** 4-in., wired, green. Per 1000, \$1.00; \$4.00 per 4500.
- Toothpicks.** 6-in., wired, green. Per 1000, \$1.20; \$3.30 per 3000.
- Weed Killer (Michell's).** Qt., 50c.; \$1.50 per gal.; 5 gals., \$6.25; \$30.00 per 30 gals.; 50 gals., \$42.50.
- Peat Moss, Torf Mull.** (Imported.) Granulated. A clean, odorless substitute for manure. A great soil-improver; makes light soil retentive of moisture; makes heavy soil light. Excellent for mulching rose beds, shrubbery and evergreens; also excellent for lawns.
- Small size bale ..... \$1 75  
Large bale ..... 3 50



No. 104



No 50



No. 63



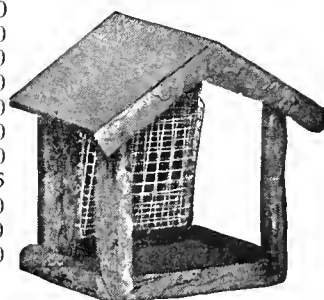
No. 11

## Michell's Rustic and Ornamental Bird-Houses

No.	By Parcel Post
8. <b>Martin House.</b> 14 rooms. Each (Not mailable.)	\$18 00
11. <b>Wren House</b> .....	1 75 \$2 00
12. <b>Wren House</b> .....	1 75 2 00
13. <b>Wren House</b> .....	1 75 2 00
14. <b>Wren or Bluebird House</b> ..	2 00 2 25
17. <b>Wren House</b> .....	1 75 2 00
21. <b>Bluebird House</b> .....	1 75 2 00
23. <b>Wren House</b> .....	1 75 2 00
24. <b>Wren House</b> .....	1 75 2 00
25. <b>For Woodpeckers, Chickadees, Nuthatches, etc.</b>	1 75 2 00
50. <b>Wren House.</b> Swinging...	1 75 2 00
60. <b>Robin House</b> .....	1 75 2 00
61. <b>Wren House.</b> Swinging...	1 75 2 00
62. <b>Bluebird House</b> .....	1 75 2 00
63. <b>Wren and Robin House</b> ..	2 00 2 20
77. <b>Martin House.</b> 4 rooms...	5 00 5 60
104. <b>Rustic Seed Feeder</b> .....	2 50 2 75
105. <b>Rustic Suet Feeder</b> .....	1 50 1 70
107. <b>Weathervane Feeder</b> ....	5 50 5 80
110. <b>Combination Shelter</b> ....	2 25 2 50



No. 24



No. 110

## Revolving Feed-Box

See illustration on right

This bird-feeder, the most popular American type, has its glass end always facing the wind so that the large open end is protected from storms. Size, 24 x 36 in. Furnished with an iron pole, 7 feet long. Price, \$10.00.

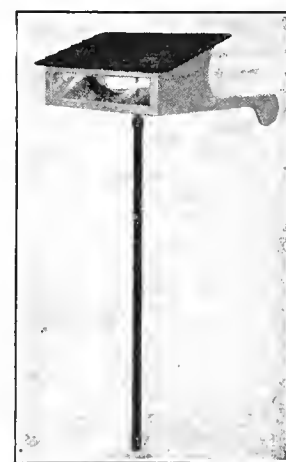
Smaller size of above, with wood pole. Price, \$6.50.

## Wire Sparrow Trap

Rectangular in shape; made of heavy wire; dimensions, 36 in. long, 18 in. wide, 12 in. high. Price, \$6.50.

## Squirrel House

This house is arranged so that no birds will try to use it—the hole is on the bottom. A narrow passage leads up to another opening leading over into a snug room for the squirrel's storehouse and nesting-place. Put high up in crotch of a tree. Price, \$5.50 (by Parcel Post, \$5.90).



Revolving Feed-Box

## Michell's Bird Seeds, Pet Supplies, Etc.

It is very important that you make the proper selection of foods for your birds. Pure, fresh, clean food is necessary at all times. Our Bird Seeds are of the highest quality, fresh and recleaned. Your feathered pets will thrive if you get your supplies in this line from us.

**If Bird Seeds, etc., are wanted by Parcel Post, add for postage as follows: 10c. for 1 lb.; 15c. for 5 lbs.; 20c. for 10 lbs.**

**Bird Manna.** Keeps canary birds in prime condition and prevents the loss of song. Pkg., 15c.

**Canary Seed.** (Plain Sicily.) Recleaned and of splendid quality. Lb., 20c.; 85c. for 5 lbs.; 10 lbs., \$1.60; \$3.75 per 25 lbs.

**Canary Seed, Mixed.** A mixture of the finest quality and in proper proportions. Lb., 20c.; 85c. for 5 lbs.; 10 lbs., \$1.60; \$3.75 per 25 lbs.

**Catnip Balls.** A plaything and tonic for your cat. 20c. each.

**Cuttlefish Bone.** Good for digestion and general health. 5c. each;  $\frac{1}{4}$  lb., 25c.; 85c. per lb.

**Cuttlefish Bone.** With holder for fastening to cage. 10c. each.

**Fish Food.** Granular and wafer form. Pkg., 10c.

**Hemp Seed.** Birds are very fond of this seed. It is rich and should be fed with discretion. Lb., 15c.; 60c. for 5 lbs.; 10 lbs., \$1.00; \$2.25 per 25 lbs.

**Lettuce Seed.** A slight sprinkle of this is much relished by canaries. Oz., 10c.; 20c. per  $\frac{1}{4}$  lb.; lb., 50c.

**Maw Seed.** Calculated to improve the song of canaries, etc. Lb., 30c.; \$1.25 for 5 lbs.

**Millet Seed.** Recleaned seed; nutritious and appetizing. Lb., 15c.; 70c. for 5 lbs.; 10 lbs., \$1.25.

**Parrot Food, Spratt's.** Small pkg., 20c.; 30c. per large pkg.

**Rape Seed.** Will keep the birds in excellent condition; feed with canary seed. Lb., 15c.; 65c. for 5 lbs.; 10 lbs., \$1.25; \$3.00 per 25 lbs.

**Sand, Red.** Fine. For bird cages. Pkg., 10c.; \$1.00 per doz. pkgs.

**Sand, Silver.** Fine. Pkg., 10c.; \$1.00 per doz. pkgs. Bulk, 85c. per pk.; bus., \$2.50.

**Sand or Gravel, Silver.** Coarse, for parrots' cages. Pkg., 10c.; \$1.00 per doz. pkgs. Bulk, 85c. per pk.; bus., \$2.50.

**Song Restorer.** For canaries. 25c. per bottle; doz., \$2.50.

**Spratt's Sing Song.** A tonic and song restorer. Pkg., 10c.

**Sunflower Seed.** We are very large handlers of this important food for parrots. Our customers may depend on getting a very choice article. 20c. per lb.; 3 lbs., 55c.; 85c. for 5 lbs.; 10 lbs., \$1.60; \$3.75 for 25 lbs.

**Thistle Seed.**  $\frac{1}{2}$  lb., 20c.; 35c. per lb.; 5 lbs., \$1.50; \$2.50 for 10 lbs.

**Unhulled Rice.** Lb., 20c.; 75c. for 5 lbs.; 10 lbs., \$1.40.

**Wild Bird Seed Mixture.** Lb., 20c.; 80c. for 5 lbs.; 10 lbs., \$1.50; \$3.00 per 25 lbs.; 100 lbs., \$10.00.

Prices on Bird Seed in large quantities quoted on application



# Michell's Insect Destroyers, Etc.

**Agri-Pax.** A contact insecticide which controls rose-bugs as well as soft-bodied insects. Qt., \$1.25; \$3.50 per gal.; 5 gals., \$13.00.

**Antrol.** Antrol Sets (4 containers and one 4-oz. bottle of Syrup), 75c. Antrol Syrup, 4-oz. bottle, 35c.; 85c. per pt.; gal., \$3.50. Antrol ready-filled Sets, consisting of 4 containers filled with Antrol Syrup, 40c.

**Aphine.** For aphids, green fly, thrip, red spider, etc.  $\frac{1}{4}$ pt., 30c.; 45c. per  $\frac{1}{2}$ pt.; pt., 70c.; \$1.10 per qt.; gal., \$3.25.

**Aphis Punk.** A paper that has been thoroughly saturated with nicotine. Pkg. (12 sheets), \$1.00; \$9.50 per case (12 pkgs.).

**Arsenate of Lead.** (Coated.) For protecting foliage against the Japanese beetle. Lb., 45c.; 90c. for 2 $\frac{1}{2}$  lbs.; 10 lbs., \$2.70; \$6.00 for 25 lbs.

**Arsenate of Lead.** (Powdered.)  $\frac{1}{2}$ lb., 25c.; 40c. per lb.; 5 lbs., \$1.50; \$2.75 for 10 lbs.; 25 lbs., \$6.00; \$18.00 for 100 lbs.

**Black-Leaf 40.** 1-oz. bottle, 35c.; \$1.00 per 5-oz. bottle; lb., \$2.25; \$3.25 for 2 lbs.; 5 lbs., \$5.85; \$10.60 for 10 lbs.

**Bordeaux Mixture.** (Powder.) 12 $\frac{1}{2}$  per cent copper mixture, for spraying purposes.  $\frac{1}{2}$ lb., 25c.; 35c. per lb.; 5 lbs., \$1.40; \$6.00 for 25 lbs.; 100 lbs., \$18.00.

**Bug Death.** Largely used instead of Paris Green; powder form. Not poisonous to persons. 10-oz. containers, 25c.; \$1.00 for 5 lbs.; 12 $\frac{1}{2}$  lbs., \$2.25; \$12.00 for 100 lbs.

**Carbolineum.** A germicide and disinfectant for purifying poultry houses, stables, etc. Gal., \$1.75; \$7.00 for 5 gals.

**Ceresan (Du Bay).** 2 per cent. A dust disinfectant for cotton, flax, millet, peas, and narcissus. Lb., 70c.; \$3.00 for 5 lbs.; 25 lbs., \$12.75; \$50.00 for 100 lbs.

**Ceresan, New Improved (Du Bay).** A dust-disinfectant for wheat, oats, and barley. Lb., 70c.; \$3.00 for 5 lbs.

**Copper Solution.** Excellent spray for carnation rust and diseases of the grape, pear, apple and other fruits. A good thing to use for leaf-blight and mildew. Qt., \$1.50; \$3.75 per gal.

**Cuprocide (Red Copper Oxide).** Excellent to prevent the fungous disease known as damping-off. Lb., 90c.; \$4.00 for 5 lbs.; 20 lbs., \$14.00; \$25.00 for 50 lbs.; 200 lbs., \$77.00.

**Cyanegg.** For generating hydrocyanic acid gas. Do not use on sweet peas. Lb., 60c.; \$2.50 for 5 lbs.

**Cyanogas (Calcium Cyanide).** G. Fumigant. For greenhouse fumigation. \$3.00 for 5 lbs.; 25 lbs., \$10.00; \$30.00 for 100 lbs.

**Cyanogas (Calcium Cyanide).** A. Dust. For killing rats, moles, woodchucks, etc.  $\frac{1}{2}$ lb., 45c.; 75c. per lb.; 5 lbs., \$3.00.

**Derrisol.** For the control of plant-lice, leaf-hopper, green flies, thrips, red spider, etc. 1-oz. bottle, 35c.; \$1.25 for  $\frac{1}{2}$ lb.; lb., \$2.25; \$3.25 for 2 lbs.; 10 lbs., \$12.50.

**Dog-Scat.** Keeps dogs away from trees, shrubs, etc.; the odor does the work. Small tube, 15c.; 30c. per large tube.

**Dogzoff.** If you are bothered with dogs, cats, or rabbits, "Dogzoff" is the spray you need. An efficient animal repellent. One spraying will last from 3 to 4 weeks. Not offensive to humans. Bottle, 60c.

**Evergreen Insecticide (New).** A non-poisonous insecticide recommended for killing insects. Oz., 35c.; \$1.00 for 6 ozs.; 16 ozs., \$2.00; \$11.00 per gal.; 5 gals., \$45.00.

**Fish-Oil Soap.** Lb., 30c.; \$1.25 for 5 lbs.; 10 lbs., \$2.00; \$3.50 for 25 lbs.; 50 lbs., \$6.50; \$10.50 for 100 lbs.

**Fish-Oil Soap (Good's Caustic).** Lb., 30c.; \$1.25 for 5 lbs.; 10 lbs., \$2.00; \$3.75 for 25 lbs.; 50 lbs., \$6.00; \$10.00 for 100 lbs.

**Fish-Oil Soap (Rosin).** 5 lbs., \$1.50; \$2.75 for 10 lbs.; 25 lbs., \$4.50; \$7.50 for 50 lbs.; 100 lbs., \$13.00.

**Formacide.** A formaldehyde dust, seed and soil disinfectant, used as a control of damping-off.  $\frac{1}{2}$ lb., 45c.; 75c. per lb.; 5 lbs., \$2.00; \$5.50 for 25 lbs.; 50 lbs., \$9.00; \$17.00 for 100 lbs.

**Form-O-Fume (Formaldehyde Dust).** An effective insurance against the damping-off of flower and vegetable seedlings and cuttings. Lb., 50c.; \$1.75 for 5 lbs.; 25 lbs., \$5.00.

**Fungtrogen.** For mildew and black-spot on roses.  $\frac{1}{2}$ pt., 75c.; \$1.25 per pt.; qt., \$2.00; \$3.50 per  $\frac{1}{2}$ gal.; gal., \$6.00.

**Grape and Rose Dust.** Used for mildew and fungous diseases. Lb., 35c.; \$1.25 for 5 lbs.; 25 lbs., \$6.25; \$20.00 for 100 lbs.

**Kerosene Emulsion (Liquid Miscible Oil).** Makes an excellent spray for all mild forms of scale, and soft lice of any kind, such as infest rose and fruit bushes, vegetables and trees. Dilutes 1 part to 20 parts of water. Pt., 45c.; 75c. per qt.; gal., \$1.75; \$6.00 for 5 gals.

**Lemon-Oil Insecticide.** Effectually destroys mealy bug, scale, thrip and red spider.  $\frac{1}{2}$ pt., 30c.; 50c. per pt.; qt., 85c.; \$1.50 per  $\frac{1}{2}$ gal.; gal., \$2.50; \$10.00 for 5-gal. keg.

**Lethane-420.** A contact insecticide for killing mealy bug, red spider and thrips, as well as white fly and similar insects. Qt., \$5.50; \$9.25 per  $\frac{1}{2}$ gal.; gal., \$16.00.

**Lethane-440.** A complete all-round spray, effective against practically all sucking insects and their eggs. 2 ozs., 35c.; \$1.00 for 6 ozs.; pt., \$2.00; \$3.00 per qt.; gal., \$8.50; \$35.00 for 5 gals.; 10 gals., \$60.00; \$150.00 for 30 gals.; 50 gals., \$250.00.

**Lime-Sulphur.** For scale insects on trees and shrubs. Qt., 45c.; \$1.00 per gal.; 5 gals., \$4.00; \$10.50 per  $\frac{1}{2}$ bbl. (30 gals.); bbl. (55 gals.), \$14.00.

**Lime-Sulphur.** (Dry Powder Form.) Lb., 40c.; \$1.75 for 5 lbs.; 25 lbs., \$4.50; \$8.25 for 50 lbs.; 100 lbs., \$15.00.

**Loro.** A new contact insecticide for use on flowers, vegetables, shrubs, trees and other ornamentals; non-poisonous when used as directed. Effective on aphids (plant-lice and green fly), thrips, midge, red spider, mealy bug, lace fly and leaf hopper. Pt., \$2.00; \$9.75 per gal.; 5 gals., \$43.75.

**Mo Lo.** For destroying and driving away moles. Pkg., 25c.

**Molgen.** Eliminates moles from the lawn within 2 or 3 days. Non-poisonous to humans or pets.  $\frac{1}{2}$ -lb. can, 50c.; \$1.25 per 1 $\frac{1}{2}$ -lb. can; 5-lb. can, \$4.00.

**Naphtha Flakes.** Will control thrips, sow-bugs, etc. Lb., 20c.; \$1.70 for 10 lbs.; 25 lbs., \$3.75; \$7.00 for 50 lbs.; 100 lbs., \$13.00.

**Naptoside.** A fumigant insecticide; kills thrips, millepedes, sow-bugs, etc., in greenhouse; also gladiolus thrips outdoors. Lb., 35c.; \$1.25 for 5 lbs.; 25 lbs., \$4.00; \$7.00 for 50 lbs.; 100 lbs., \$13.00; \$62.50 for 500 lbs.

**Nico Fume.** (Liquid.) For use as a spray or vapor. Lb., \$2.50; \$6.00 for 4 lbs.; 8 lbs., \$11.00; \$45.00 per 40-lb. drum.

**Nico-Fume Fumigating Powder.** For fumigating greenhouses. 1-lb. can, \$1.15; \$3.50 for 5 lbs.; 10 lbs., \$6.25.

**Nico-Fume Paper.** A paper treated with nicotine. Per box of 24 sheets, \$1.50; \$4.75 for 144 sheets; 288 sheets, \$8.50.

**Nico-Fume Powder Pressure Fumigator.** Nico-Fume Powder is supplied in a special tin in which the powder is burned under pressure.  $\frac{1}{2}$ -lb. size, 45c. each; \$2.40 for 6; case lots of 1 doz., \$4.20. 1-lb. size, 75c. each; \$3.75 for 6; case lots of 1 doz., \$7.00.

**Nikoteen** (30 per cent). 1-oz. bottle, 30c.; 45c. per 2-oz. bottle;  $\frac{1}{2}$ -lb. bottle, \$1.25; \$2.00 per lb.; 4 lbs., \$6.00; \$11.50 for 8 lbs.

**Nikoteen** (40 per cent solution). 4 lbs., \$6.50; \$12.50 for 8 lbs.

**Para-Dichlorobenzene.** For peach-tree borers. 1-lb. can, 50c.; \$2.25 for 5-lb. can; 10-lb. can, \$4.00; \$9.50 for 25-lb. keg; 100-lb. keg, \$25.00.

**Pyrethrum Powder.** Lb., 50c.; \$2.25 for 5 lbs.; 10 lbs., \$4.00.

**Pyrote.** A non-poisonous insecticide for killing both chewing and sucking insects. Oz., 35c.; \$1.00 for 6 ozs.; 16 ozs., \$2.00; \$3.50 per qt.; gal., \$12.00; \$50.00 for 5 gals.

**Red Arrow Insect Spray (Pyrethrum Soap).** A non-poisonous, effective insecticide. Oz., 35c.; \$1.00 for 3 $\frac{1}{2}$  ozs.; pt., \$2.50; \$4.00 per qt.; gal., \$12.00.

**Rotenone.** (Non-Poisonous Dust.) Contains 75/100 per cent of Rotenone. Controls asparagus, cucumber, bean, Colorado potato, flea, and blister beetles; leaf hopper, red spider, cabbage worms, thrips. 5 lbs., \$1.25; \$6.00 for 25 lbs.; 100 lbs., \$20.00.

**Scale Oil.** An efficient oil spray for controlling scale insects, aphids, thrip, red spider, etc. Qt., 70c.; \$1.25 per gal.; 5 gals., \$5.00; \$15.00 for 30 gals.; 55 gals., \$24.00.

**Scalecide.** Used for the destruction of the San Jose Scale. Qt., 65c.; \$1.55 per gal.; 5 gals., \$5.50; \$10.50 for 10 gals.; 30 gals., \$23.50; \$32.00 for 50 gals.

**Selocide.** A powerful new killing insecticide that gives control of red spiders; also kills the eggs. Dilute 1 part to 49 parts of water. Qt., \$1.30; \$3.50 per gal.; 5 gals., \$16.75.

**Semesan (Du Bay).** A mercuric disinfectant for the control of many seed, plant, and soil diseases. 2 ozs., 35c.; \$2.25 per lb.; 5 lbs., \$9.90; \$45.50 for 25 lbs.; 100 lbs., \$180.00.

**Slug Shot.** 1-lb. carton, 25c.; \$1.00 for 5 lbs.; 25 lbs., \$3.00; 125-lb. keg, with duster, \$12.50; full bbl. lots (about 250 lbs.), with duster, \$24.38.

**Snarol.** For the control of cutworms, snails, slugs, etc. 1 $\frac{1}{2}$  lbs., 35c.; 85c. for 4 lbs.; 15 lbs., \$3.00; \$8.00 for 50 lbs.

**Soap (C. P. O.).** For control of many insects on evergreens, flowering plants, fruits and vegetables. 3-oz. bottle, 25c.; 65c. per pt.; qt., \$1.00; \$2.50 per gal.

**Soap Spray (Imp).** An all-round insecticide. Pt., 65c.; \$1.00 per qt.; gal., \$3.00; \$12.00 for 5 gals.; 10 gals., \$20.00.

**Sulphate of Copper.** Lb., 20c.; 75c. for 5 lbs.; 10 lbs., \$1.40; \$3.00 for 25 lbs.; 100 lbs., \$10.00.

**Sulphur.** Used principally in greenhouses for checking mildew. Lb., 15c.; 45c. for 5 lbs.; 10 lbs., 85c.; \$2.00 for 25 lbs.; 100 lbs., \$7.50.

**Sulphur Candles.** 20c. each; doz., \$2.25.

**Sulrote (Rotenone Sulphur Dust).** An insecticide and fungicide for flowers, vegetables, and ornamentals. Lb., 40c.; \$1.25 for 5 lbs.; 25 lbs., \$5.00; \$18.00 for 100 lbs.

**Thrip Juice (Hammond's No. 2).** Effective against aphids, red spider, mealy bugs, etc. Pt., 80c.; \$1.25 per qt.; gal., \$4.00.

**Tobacco Dust** (for dusting). 1-lb. can, with sifter top, 25c.; 35c. for 5 lbs.; 10 lbs., 60c.; \$1.25 for 25 lbs.; 50 lbs., \$2.25; \$4.00 for 100 lbs.

**Tobacco Dust** (for fumigating). Lb., 10c.; 45c. for 5 lbs.; 10 lbs., 75c.; \$1.25 for 25 lbs.; 50 lbs., \$2.25; \$4.25 for 100 lbs.

**Tobacco Stems.** (Fresh.) Lb., 10c.; 30c. for 5 lbs.; 10 lbs., 50c.; \$1.00 for 25 lbs.; large bales at 2c. per lb.;  $\frac{1}{2}$ ton, \$15.00; \$27.50 per ton.

**Volck.** (Garden.) A Volck-Nicotine combination spray for the garden; controls red spider, mites, white flies, scales, mealy bugs. 3 $\frac{1}{2}$  ozs., 35c.; \$1.00 per pt.; qt., \$1.50; \$4.00 per gal.

**Volck.** (Nursery.) A mineral-oil spray for general use on growing plants in the nursery, greenhouse and garden.  $\frac{1}{2}$ pt., 35c.; 75c. per qt.; gal., \$2.00; \$6.50 for 5 gals.

**Wettable Sulphur.** (Microscopic.) Excellent protection against scab, brown rot, leaf-spot, mildew, etc. Lb., 20c.; 60c. for 5 lbs.; 10 lbs., \$1.00; \$2.25 for 25 lbs.; 100 lbs., \$7.50.

**Wilson's O. K. Plant Spray.**  $\frac{1}{2}$ pt., 40c.; \$1.00 per qt.; gal., \$3.00; \$12.00 for 5 gals.; 10 gals., \$22.00; \$57.00 per  $\frac{1}{2}$ bbl. (30 gals.); bbl. (50 gals.), \$90.00.

**X-L-ALL Insecticide Compound.** An English preparation for spraying, for mealy bug, red spider, etc. Gal., \$9.00.

ALL PRICES SUBJECT TO MARKET CHANGES

# Michell's High-Grade Fertilizers

ALL PRICES ON FERTILIZERS SUBJECT TO MARKET CHANGES

If small quantities of Fertilizers listed are wanted by Parcel Post, please add for postage as follows: 10c. for 3 lbs.; 15c. for 5 lbs.; 20c. for 10 lbs.

**Adco.** A bacterial food for making artificial manure with leaves, grass cuttings, etc. 25-lb. bag, sufficient to make one-half ton of manure, \$2.00; \$10.50 per 150-lb. bag, sufficient to make 3 tons of manure; 600 lbs., \$42.00; \$145.00 for 2100 lbs.

**All-Crop Fertilizer.** A high-grade, properly balanced fertilizer for general use on all farm and garden crops. 25 lbs., \$1.00; \$1.75 for 50 lbs.; 100 lbs., \$3.25; \$5.50 for 200 lbs.; ½ton, \$23.00; \$45.00 per ton.

**Ashes, Hard Wood.** Apply 1000 lbs. per acre. 25 lbs., \$1.00; \$1.75 for 50 lbs.; 100 lbs., \$3.00; \$5.00 per 200-lb. bbl.; ½ton, \$22.50; \$40.00 per ton.

**Blood (Dried).** For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. One of the quickest acting fertilizers. 5 lbs., 60c.; \$1.10 for 10 lbs.; 25 lbs., \$2.00; \$3.25 for 50 lbs.; 100 lbs., \$6.00; \$11.00 for 200 lbs.; 500 lbs., \$25.00.

**Blood, Bone and Potash.** A very high-grade fertilizer for all vegetable and farm crops. 100 lbs., \$5.00; \$9.50 for 200 lbs.; ½ton, \$37.50; \$65.00 per ton.

**Blood Flour.** 5 lbs., 60c.; \$1.00 for 10 lbs.; 25 lbs., \$2.00; \$3.50 for 50 lbs.; 100 lbs., \$6.50; \$12.00 for 200 lbs.

**Bone (Coarse Ground).** Apply 800 to 1000 lbs. per acre. 100 lbs., \$4.50; \$8.50 for 200 lbs.; ½ton, \$38.00; \$75.00 per ton.

**Bone Flour.** Apply 600 lbs. per acre. 5 lbs., 50c.; 85c. for 10 lbs.; 25 lbs., \$1.50; \$2.25 for 50 lbs.; 100 lbs., \$4.25; \$7.50 for 200 lbs.; ½ton, \$32.50; \$60.00 per ton.

**Bone Meal (Michell's Special Grade).** Apply 800 to 1000 lbs. per acre. 3 lbs., 25c.; 40c. for 5 lbs.; 10 lbs., 65c.; \$1.25 for 25 lbs.; 50 lbs., \$2.25; \$3.50 for 100 lbs.; 200 lbs., \$6.50; \$28.50 per ½ton; ton, \$55.00.

**Bovung.** A natural cow-manure containing not less than 75 per cent organic matter, thoroughly dehydrated and well pulverized. Free from live weed seeds; ideal for use on the lawn and also excellent for flowering plants. 5 lbs., 35c.; 60c. for 10 lbs.; 25 lbs., \$1.00; \$1.50 for 50 lbs.; 100 lbs., \$2.75; \$12.50 for 500 lbs.; ½ton, \$23.50; \$42.50 per ton.

**Clay's Fertilizer.** For forcing greenhouse plants and vegetables. 28 lbs., \$3.75; \$6.25 for 56 lbs.; 112 lbs., \$12.00.

**Cotton-Seed Meal.** Apply 800 lbs. per acre. Excellent as a grass and grain fertilizer. 5 lbs., 40c.; 75c. for 10 lbs.; 25 lbs., \$1.30; \$2.25 for 50 lbs.; 100 lbs., \$4.00; \$35.00 per ½ton; ton, \$65.00.

**Cow or Cattle Manure (Shredded).** Apply 1000 lbs. per acre. 5 lbs., 45c.; 70c. for 10 lbs.; 25 lbs., \$1.25; \$2.00 for 50 lbs.; 100 lbs., \$3.25; \$16.00 for 500 lbs.; ½ton, \$30.00; \$55.00 per ton.

**Cow or Cattle Manure (Pulverized).** 100 lbs., \$3.25; \$16.00 for 500 lbs.; ½ton, \$30.00; \$55.00 per ton.

**Floranid.** A concentrated organic nitrogen fertilizer for vegetables, flowers, shrubs, lawns, etc. Lb., 25c.; 90c. for 5 lbs.; 10 lbs., \$1.50; \$2.75 for 25 lbs.; 100-lb. bag, \$9.50.

**Horn Shavings.** Used principally for mixing in potting soil; especially valuable in chrysanthemum growing. 5 lbs., 90c.; \$1.70 for 10 lbs.; 25 lbs., \$2.50; \$4.00 for 50 lbs.; 100 lbs., \$7.00.

**Hortobacco (Michell's).** A combined fertilizer and insecticide. 5 lbs., 25c.; 45c. for 10 lbs.; 25 lbs., \$1.00; \$1.75 for 50 lbs.; 100 lbs., \$3.00; \$13.50 for 500 lbs.; ½ton, \$26.00; \$50.00 per ton.

**Hyper-Humus.** 5 lbs., 30c.; 50c. for 10 lbs.; 25 lbs., 75c.; \$1.25 for 50 lbs.; 100 lbs., \$2.00; \$9.50 for 500 lbs.; ½ton, \$15.00; \$25.00 per ton. Carload lots in bulk, \$10.00 per ton, f.o.b., factory.

**Kainit (Potash Salts).** Apply 800 to 1000 pounds per acre. Excellent for potatoes, corn and other grains; also for top-dressing asparagus beds, etc. 5 lbs., 30c.; 50c. for 10 lbs.; 25 lbs., \$1.20; \$2.50 for 100 lbs.; 200 lbs., \$4.50; \$18.00 per ½ton; ton, \$35.00.

**Land Plaster.** Used for top-dressing newly plowed land prior to harrowing and for sweetening the soil on lawns and fields; also used for mixing with Paris Green. Apply 1500 to 2000 pounds per acre. 10 lbs., 40c.; 85c. for 25 lbs.; 50 lbs., \$1.25; \$2.00 for 100 lbs.; 200 lbs., \$3.75; \$16.00 per ½ton; ton, \$30.00.

**Lawn Dressing and Fertilizer (Michell's).** Apply 1000 lbs. per acre. Highly desirable for fairways and putting greens. 5 lbs., 40c.; 65c. for 10 lbs.; 25 lbs., \$1.25; \$2.00 for 50 lbs.; 100 lbs., \$3.50; \$32.50 per ½ton; ton, \$60.00.

**Lawn Sand, Climax.** For destroying weeds in the lawn without injury to the grass; also acts as a fertilizer. For best results follow directions on the package. 3½-lb. tin, 75c.; \$1.35 for 7 lbs.; 14 lbs., \$2.50; \$4.00 for 28 lbs.; 56 lbs., \$6.50; \$12.50 for 112 lbs.

**Legume-Aid.** Moist composition base. Living bacteria in a base of relative low-moisture content which adheres to dry seed without the use of water.

For Alfalfa and all Clovers: ¼-bus. size, 20c.; 30c. per ½-bus. size; 1-bus. size, 50c.; \$1.00 per 2½-bus. size.

For Soy Beans, Peas, Vetch and Beans: ½-bus. size, 20c.; 30c. per 1-bus. size; 2-bus. size, 50c.; \$1.00 per 5-bus. size.

We can also supply Agar (Jelly) base at same prices. Always state what kind of seed you wish to inoculate when ordering.

**Lime (Hydrated or Powdered).** Apply one ton per acre. 30c. per 10-lb. box; 50 lbs., 85c.; \$1.40 for 100 lbs.; 500 lbs., \$6.75; \$13.00 per ½ton; ton, \$22.50.

**Limestone (Pulverized).** For applying on sour or worn-out soils at the rate of one ton per acre. Put up in 100-lb. bags. 100 lbs., \$1.00; \$4.75 for 500 lbs.; ½ton, \$9.00; \$17.50 per ton.

**Manure (Fresh Horse, Stockyard, and Cow).** At short notice we can usually supply first-class horse, cow, and stockyard manure in carload lots only. Prices on request.

**Mum Manure (Smith's).** Give your plants a quick start by using this manure. A perfect food for mums and other flowers. 50 lbs., \$2.75; \$5.00 for 100 lbs.

**Muriate of Potash.** Apply 100 to 150 lbs. per acre, usually with other fertilizers. Analysis equal to 50 per cent actual potash. 5 lbs., 35c.; 60c. for 10 lbs.; 25 lbs., \$1.25; \$2.25 for 50 lbs.; 100 lbs., \$4.00; \$7.25 for 200 lbs.; ½ton, \$31.50; \$60.00 per ton.

**Nitrate of Soda.** Apply 100 to 150 lbs. per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. Lb., 15c.; 25c. for 2 lbs.; 5 lbs., 50c.; 75c. for 10 lbs.; 25 lbs., \$1.25; \$2.00 for 50 lbs.; 100 lbs., \$3.50; \$6.50 for 200 lbs.; ½ton, \$31.00; \$60.00 per ton.

**Nitrophoska.** A well-balanced, quick-acting food for every purpose in the garden or lawn. Analysis: Nitrogen, 15 per cent; Phosphoric Acid, 30 per cent; Potash, 15 per cent. For the garden or flowers, use 5 to 10 lbs. to 1000 sq. ft.; for lawns, apply 6 to 10 lbs. to 1000 sq. ft. Lb., 25c.; 90c. for 5 lbs.; 10 lbs., \$1.50; \$2.75 for 25 lbs.; 100 lbs., \$6.50.

**Peat Moss, Torf Mull.** (Imported.) Granulated. A clean, odorless substitute for manure. Excellent for mulching. Small bale, \$1.75; \$3.50 per large bale.

**Philogan.** A natural manure; organic material manufactured by scientific process. An ideal food for carnations, roses and other greenhouse crops. 25 lbs., 85c.; \$1.50 for 50 lbs.; 100 lbs., \$2.50; \$12.00 for 500 lbs.; ½ton, \$23.00; \$40.00 per ton.

**Phosphate, Super or Acid (16 per cent).** Apply 1000 lbs. per acre. 5 lbs., 35c.; 60c. for 10 lbs.; 25 lbs., \$1.00; \$3.50 for 200 lbs.; ½ton, \$13.00; \$25.00 per ton.

**Phosphate (Michell's High-Grade Ammoniated).** Apply 800 to 1000 lbs. per acre broadcast. 5 lbs., 40c.; 70c. for 10 lbs.; 25 lbs., \$1.25; \$2.00 for 50 lbs.; 100 lbs., \$3.50; \$6.00 for 200 lbs.; ½ton, \$25.00; \$45.00 per ton.

**Plantabbs.** An odorless plant-food for all plants in the house or garden. Pkg. of 30 tablets, 25c.; 50c. for 75 tablets; 200 tablets, \$1.00; \$3.50 for 1000 tablets.

**Salt.** For asparagus beds. Apply 800 lbs. per acre in early spring. 25 lbs., 75c.; \$1.25 for 50 lbs.; 100 lbs., \$2.00; \$3.50 for 200 lbs.; ½ton, \$16.00; \$30.00 per ton.

**Sheep Manure (Wizard Brand).** Apply 1000 lbs. per acre. For garden, lawn or greenhouse use. 3 lbs., 25c.; 40c. for 5 lbs.; 10 lbs., 65c.; \$1.00 for 25 lbs.; 50 lbs., \$1.75; \$3.00 for 100 lbs.; 500 lbs., \$14.00; \$26.50 per ½ton; ton, \$50.00.

**Soot (Imported Scotch).** 5 lbs., 60c.; \$1.00 for 10 lbs.; 25 lbs., \$1.50; \$5.00 for 100 lbs.

**Steriloam.** Specially prepared sterilized soil for use in pots and seed-pans. Free from weed seeds. 10 lbs., \$1.25; \$2.50 for 25 lbs.; 50 lbs., \$3.50; \$6.00 for 100 lbs.

**Stim-U-Plant.** A plant-food in tablet form. Pkg. of 30 tablets, 25c.; 75c. per pkg. of 100 tablets (by Parcel Post, 85c.); 1000 tablets, \$3.50 (by Parcel Post, \$3.65).

**Sulphate of Aluminum.** Especially adapted for fertilizing rhododendrons and other plants requiring an acid soil. Also used for changing the color of white hydrangeas. 5 lbs., 40c.; 70c. for 10 lbs.; 25 lbs., \$1.25; \$4.00 for 100 lbs.; 200 lbs., \$7.50.

**Sulphate of Ammonia.** Apply 75 to 100 lbs. per acre only with other fertilizers deficient in nitrogen. Analysis equal to 25 per cent of ammonia. 5 lbs., 50c.; 85c. for 10 lbs.; 25 lbs., \$1.50; \$2.25 for 50 lbs.; 100 lbs., \$4.00; \$7.00 for 200 lbs.

**Sulphate of Potash.** Apply 100 to 125 lbs. per acre, usually with other fertilizers. 5 lbs., 40c.; 70c. for 10 lbs.; 25 lbs., \$1.25; \$2.25 for 50 lbs.; 100 lbs., \$3.75; \$7.25 for 200 lbs.

**Tankage.** Usually applied to plants such as roses, etc., under glass. 5 lbs., 40c.; 70c. for 10 lbs.; 25 lbs., \$1.25; \$2.25 for 50 lbs.; 100 lbs., \$4.00; \$7.00 for 200 lbs.; ½ton, \$32.00; \$60.00 per ton.

**Terogen.** An autumn and winter ground dressing for the rose-garden. 1-lb. tin, 75c.; \$1.25 for 2 lbs.; 5 lbs., \$2.75; \$4.75 for 10 lbs.; 25 lbs., \$11.00; \$21.00 for 50 lbs.; 100 lbs., \$40.00.

**Tobacco Stems.** Lb., 10c.; 30c. for 5 lbs.; 10 lbs., 50c.; \$1.00 for 25 lbs.; large bales at 2c. per lb.; per ½ton, \$15.00; \$27.50 per ton.

**Tree Food (Michell's).** A wonderful fertilizer for fruit and shade trees; contains the three necessary elements to promote vigorous growth. 25 lbs., \$1.60; \$2.50 for 50 lbs.; 100 lbs., \$4.50; \$20.00 for 500 lbs.; ½ton, \$37.50; \$70.00 per ton.

**Vigoro.** Especially adapted for the lawn, garden, and greenhouse. 1-lb. pkg., 10c.; 45c. for 5 lbs.; 10 lbs., 85c.; \$1.50 for 25 lbs.; 50 lbs., \$2.50; \$4.00 for 100 lbs.

**Vita-Vim.** The non-acid tonic food, especially suited to the exacting requirements of under-glass feeding. Lb., 35c.; 75c. for 5 lbs.; 25 lbs., \$1.75; \$3.00 for 50 lbs.; 100 lbs., \$5.50.

**Wheat Fertilizer.** For grass and grain crops. Apply 800 lbs. per acre. 100 lbs., \$3.75; \$6.00 for 200 lbs.; ½ton, \$26.00; \$50.00 per ton.

**Wonder Worker Fertilizer.** A high-grade animal base fertilizer for growing all vegetable crops. 100 lbs., \$4.50; \$8.50 for 200 lbs.; 500 lbs., \$20.00; \$37.50 per ½ton; ton, \$65.00.

PLEASE NOTE.—No smaller quantity of Fertilizer than here offered can be supplied

# Michell's Flower Pots, Tubs, Etc.

Fern  
Dish Liner

Earthen  
Fern Pan



Cedar Tub

Keystone Tub

Earthen  
Flower Pot

Azalea Pot

Earthen  
Bulb Pan

Earthenware  
Saucer

Krick Pot  
Hanger

Eureka Pot  
Hanger

## Cedar Tubs

### Equipped with Strong Iron Handles

These are made by hand of the very best white cedar, painted green, bound with black iron hoops.

No.	Top Diam.	Depth	Each
No. 0.....	24 $\frac{3}{4}$ in.	24 in.	\$11 25
No. 1.....	23 $\frac{3}{8}$ in.	22 in.	10 25
No. 2.....	21 in.	20 in.	9 25
No. 3.....	18 $\frac{1}{2}$ in.	18 in.	7 25
No. 4.....	16 $\frac{1}{2}$ in.	16 in.	6 25
No. 5.....	14 $\frac{1}{2}$ in.	14 in.	5 50
No. 6.....	12 $\frac{1}{2}$ in.	12 in.	4 50
No. 7.....	11 $\frac{3}{4}$ in.	10 in.	4 00
No. 8.....	10 $\frac{1}{2}$ in.	9 $\frac{1}{2}$ in.	3 50

## Michell's Keystone Plant Tubs

Made of white cedar, painted green and bound with strong electric welded wire hoops, which do not rust. Handles are sold separately at 25c. per pair, not attached to tub.

No.	Inside Diam.	Depth	Each	Parcel Post
1.....	6 in.	6 in.	\$0 75	\$0 90
2.....	7 in.	7 in.	80	95
3.....	8 in.	8 in.	85	1 00
4.....	9 in.	9 in.	90	1 05
5.....	10 in.	9 in.	95	1 10
6.....	11 in.	10 in.	1 15	1 35
7.....	12 in.	11 in.	1 30	1 50
8.....	13 in.	12 in.	1 75	2 00
9.....	14 in.	13 in.	1 85	2 10
10.....	15 in.	14 in.	2 25	2 50
11.....	16 in.	15 in.	2 35	2 65
12.....	17 in.	16 in.	2 75	3 10
13.....	18 in.	17 in.	3 25	3 75
14.....	19 in.	18 in.	4 00	4 50

## Plant Tub Green Paint

Especially prepared for painting plant tubs. Gives a bright glossy finish that will stand the weather conditions and will not fade. Color a beautiful French chrome-green. Pt., 60c.; \$1.05 per qt.; gal., \$3.50.

## Earthen Flower Pots

Height and Width inside	Each	Doz.	100	1000
1 in.....	\$0 02	\$0 20	\$1 35	\$12 00
2 in.....	03	25	1 40	12 25
2 $\frac{1}{4}$ in.....	04	30	1 45	12 75
2 $\frac{1}{2}$ in.....	05	35	1 65	15 00
3 in.....	06	40	2 15	19 50
3 $\frac{1}{2}$ in.....	06	45	2 65	24 00
4 in.....	07	50	3 30	30 00
4 $\frac{1}{2}$ in.....	08	60	4 45	40 50
5 in.....	10	75	5 95	54 00
5 $\frac{1}{2}$ in.....	12	1 00	7 45	67 50
6 in.....	12	1 20	8 90	81 00
7 in.....	20	2 00	13 50	
8 in.....	25	2 75	19 50	
9 in.....	35	4 00	30 00	
10 in.....	50	5 50	40 50	
12 in.....	1 00	11 00	82 50	
14 in.....	1 50	17 50	135 00	

Parcel Post charges cover postage and special packing required.

## Cut Flower Vases, Galvanized Iron

No.	Top Diam.	Height	Bottom Diam.	Each
65.....	7 $\frac{1}{2}$ in.	8 in.	6 $\frac{1}{2}$ in.	\$0 70
66.....	9 in.	10 in.	7 $\frac{1}{2}$ in.	75
67.....	9 in.	11 $\frac{1}{2}$ in.	7 $\frac{1}{2}$ in.	80
68.....	9 in.	12 $\frac{1}{2}$ in.	7 $\frac{1}{2}$ in.	90
69.....	9 in.	18 in.	7 $\frac{1}{2}$ in.	1 00
70.....	9 in.	24 in.	7 $\frac{1}{2}$ in.	1 25
253.....	5 in.	10 in.	3 $\frac{3}{4}$ in.	50
254.....	5 $\frac{1}{2}$ in.	11 in.	4 $\frac{1}{2}$ in.	65
255.....	6 $\frac{1}{2}$ in.	12 in.	5 $\frac{1}{2}$ in.	70
257.....	6 $\frac{1}{2}$ in.	15 in.	4 $\frac{1}{2}$ in.	80

## Azalea Pots

Diam.	Depth	Each	Doz.	100
5 in.	4 $\frac{1}{2}$ in.	\$0 10	\$0 75	\$5 95
6 in.	5 in.	12	1 20	8 90
7 in.	6 in.	20	2 00	13 50
8 in.	7 in.	25	2 75	19 50
9 in.	7 $\frac{1}{2}$ in.	35	4 00	30 00
10 in.	8 in.	50	5 50	40 50
12 in.	10 in.	1 00	11 00	82 50

## Earthen Bulb Pans

Diam.	Each	Doz.	100
6 in.....	\$0 12	\$1 20	\$8 90
7 in.....	20	2 00	13 50
8 in.....	25	2 75	19 50
9 in.....	35	4 00	30 00
10 in.....	50	5 50	40 50
12 in.....	1 00	11 00	82 50
14 in.....	1 50	17 50	135 00

## Earthenware Saucers

	Each	Doz.	100
4 in.....	\$0 03	\$0 35	\$2 25
5 in.....	04	45	3 00
6 in.....	06	65	4 50
7 in.....	09	95	6 75
8 in.....	12	1 20	9 50
9 in.....	18	1 80	12 50
10 in.....	25	2 50	20 00
12 in.....	40	4 00	30 00
14 in.....	50	5 00	40 00

## Fern-Dish Liners

Very shallow, for inside of fancy silver or porcelain ferneries.

Width	Height	Each	Doz.	100
7 in.	1 $\frac{1}{8}$ in.	\$0 20	\$2 15	\$13 50

## Earthen Fern Pans

Width	Height	Each	Doz.	100
4 in.	1 $\frac{1}{8}$ in.	\$0 08	\$0 85	\$6 00
4 $\frac{3}{4}$ in.	2 $\frac{1}{8}$ in.	12	1 10	8 00
5 $\frac{1}{2}$ in.	2 $\frac{1}{4}$ in.	15	1 35	10 00
6 $\frac{1}{4}$ in.	2 $\frac{1}{2}$ in.	18	1 60	12 00
7 in.	2 $\frac{3}{8}$ in.	20	2 00	14 00
8 in.	3 $\frac{3}{8}$ in.	25	2 50	20 00
9 in.	3 $\frac{3}{4}$ in.	30	3 00	24 00

## Wooden Seed Flats

	Each
20 x 10 x 3 in.....	\$0 35
20 x 14 x 3 in.....	40

## Eureka Pot Hangers

Price, 15c. each; doz., \$1.50 (by Parcel Post, \$1.70); \$10.00 per 100.

## Krick Pot Hangers

No.	Each	Doz.	Parcel Post
No. 1.....	\$0 07	\$0 60	\$0 65
No. 2.....	08	70	75
No. 3.....	09	80	85

## Neponset Paper Pots

Green—for growing

Every grower of plants can cut the growing costs by using these pots. They are superior to any pot made for the actual growing of plants.

Diam.	Doz.	per doz.	100	per 100	1000
2 in.....	\$0 15	\$0 20	\$0 80	\$0 90	\$7 00
2 $\frac{1}{4}$ in.....	20	30	85	95	7 25
2 $\frac{1}{2}$ in.....	25	35	90	1 00	7 50
3 in.....	30	40	95	1 05	8 00
3 $\frac{1}{2}$ in.....	35	45	1 15	1 25	10 00
4 in.....	40	50	1 30	1 45	12 00
5 in.....	45	55	1 75	1 95	16 00
6 in.....	50	60	2 50	2 75	22 50

## Red Paper Flower Pots

Diam.	Doz.	per doz.	100	per 100	1000
2 in.....	\$0 10	\$0 15	\$0 45	\$0 55	\$4 00
2 $\frac{1}{4}$ in.....	12	20	50	60	4 50
2 $\frac{1}{2}$ in.....	15	20	60	70	5 00
3 in.....	20	30	80	90	6 50
3 $\frac{1}{2}$ in.....	25	35	90	1 00	7 50
4 in.....	35	45	1 15	1 25	10 00
5 in.....	40	50	1 40	1 55	13 00
6 in.....	40	50	1 75	2 00	15 00

## Rubber Saucers

Durable and waterproof.

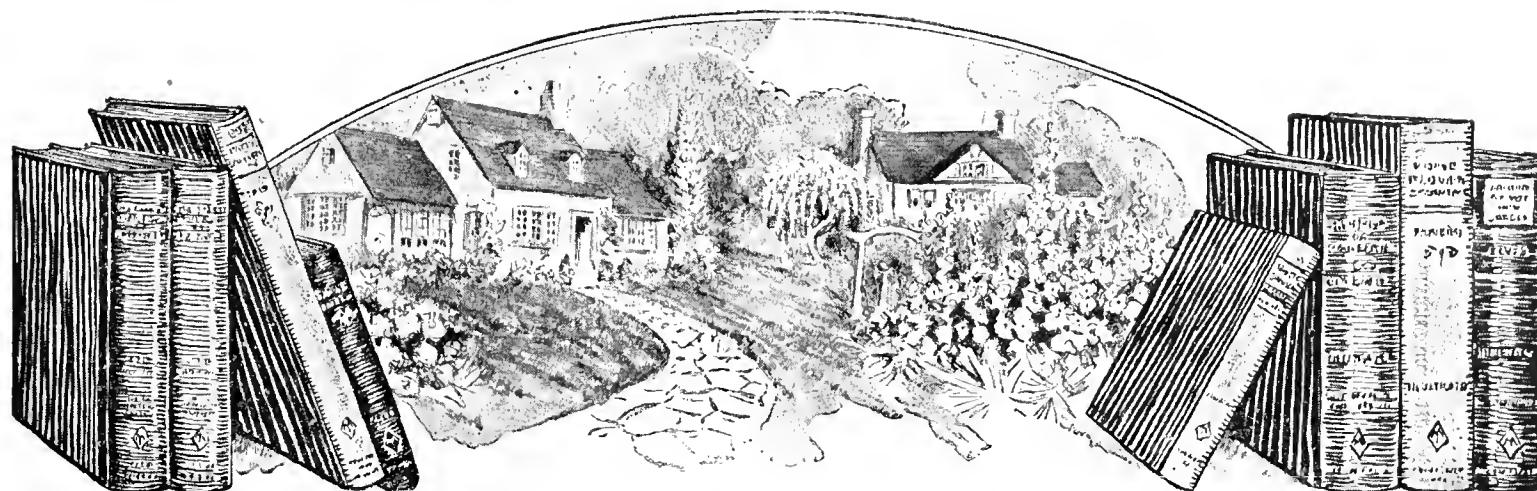
Size	Each	Doz.
4 in.....	\$0 15	\$0 20
5 in.....	20	25
6 in.....	25	30
7 in.....	30	40
8 in.....	35	45
9 in.....	45	55
10 in.....	65	75
12 in.....	80	95

## Wood Fibre Saucers

Extremely desirable on account of being absolutely waterproof.

Diam.	Each	Doz.
6 in.....	\$0 55	\$0 60
7 in.....	65	75
8 $\frac{1}{2}$ in.....	75	85
10 in.....	85	95
11 $\frac{3}{4}$ in.....	95	1 05
14 $\frac{1}{4}$ in.....	1 30	1 45
16 in.....	1 65	1 80
17 $\frac{1}{2}$ in.....	1 90	2 05





## Books on Horticulture, Agriculture, and Kindred Subjects

Here is a selection of books that is thoroughly up to date, practical, and comprehensive. Written by authors of national reputation—outstanding men who figure prominently in the various phases of garden and farm work. These books will show you how to raise bigger and better crops—better your condition—increase your efficiency—add to your income. Read and make your reading count.

### Flowers and Ornamental Plants

**Annuals, The Book of** (Hottes). 180 pages. \$1.50.  
**Annual Flowers, How to Grow** (Ries). Profusely illustrated. 96 pages. \$1.10.  
**Aquarium, The Modern** (Innes). Packed with practical information. \$1.00.  
**Book of Bulbs** (Rockwell). A complete treatise on the growing of bulbs, for both fall and spring planting. 264 pages. \$2.00.  
**Bulbs, Spring Flowering** (Thayer). 128 pages. \$1.25.  
**Cactus Culture** (Schulz). 186 pages. \$2.00.  
**Carnation Culture, Practical** (Weston). 224 pages. \$2.00.  
**Chrysanthemum and Its Culture, The** (White). \$2.00.  
**Climbing Plants, A Little Book of** (Hottes). 250 pages. \$2.00.  
**Commercial Floriculture** (Bahr). 616 pages. \$5.00.  
**Commercial Flower Forcing** (Laurie and Chadwick). The fundamentals and their practical application to the culture of greenhouse crops. 519 pages. \$4.00.  
**Dahlia, The** (Peacock). A practical treatise on this popular flower. 128 pages. \$1.25.  
**Dahlias** (Rockwell). Their culture, etc. 85 pages. \$1.25.  
**Delphiniums, How to Grow** (Leonian). 96 pages. \$1.10.  
**Everybody's Garden** (Waugh). The How, the Why, and especially the Wherefore of the Home Garden. 300 pages. \$3.50.  
**Four Seasons in Your Garden** (Wister). A very comprehensive work. \$2.50.  
**Garden Flowers in Color** (Stevens). A picture cyclopedia of flowers. 400 photographs in color; 320 pages. \$2.00.  
**Garden Lilies** (Preston). Preparation of the soil, planting the bulbs, and general care. 128 pages. \$1.25.  
**Gladiolus, The** (Beal). A practical treatise. 128 pages. \$1.25.  
**Home Floriculture** (Rexford). A practical guide. \$1.75.  
**Iris, The** (Wister). A treatise on its history, development, and culture. 128 pages. \$1.25.  
**Perennial Flowers, How to Grow** (Ries). 96 pages. \$1.10.  
**Perennial Gardens** (Ortloff). 88 pages. \$1.25.  
**Pronouncing Dictionary, The Home Gardeners** (Hottes). 96 pages. 50c.  
**Rock Gardens, American** (Hamblin). 128 pages. \$1.25.  
**Rock Gardens** (Rockwell). 86 pages. \$1.25.  
**Roses and Their Culture** (Hubbard). 128 pages. \$1.25.  
**Roses, How to Grow** (Pyle, McFarland, Stevens). 210 pages. \$2.00.

**Sweet Peas** (Unwin). Their history, development, and culture. \$2.00.

**Violet Culture, Practical** (Coon). 128 pages. 75c.

**Water Gardens and Gold Fish** (Sawyer, Perkins). 272 pages. \$2.00.

**Window Garden, The** (Buxton). A practical manual on soils, propagation, watering, and general care of house plants. Illustrated; 160 pages. \$1.50.

### Plant Breeding, Propagating, Pruning, Etc.

**Greenhouses, Their Construction** (Wright). 286 pages. \$2.00.

**Handbook of Plants and General Horticulture** (Henderson). A dictionary of plants. 526 pages. \$3.50.

**Principles and Practice of Pruning** (Kains). 425 pages. \$2.50.

**Pruning Manual, The** (Bailey). 400 pages. \$2.50.

**Standard Cyclopedia of Horticulture** (Bailey). Three volumes. 3637 pages. \$15.00.

### Landscape Gardening, Etc.

**Evergreens, Hardy** (Schrepfer). 128 pages. \$1.25.

**Shrubs, Hardy** (Waugh). Everything about shrubs. \$1.25.

**Landscape Gardening, Practical** (Cridland). Shows in a simple and practical way how to beautify the home grounds. 282 pages. \$2.50.

**Landscape Gardening, Book of** (Waugh). 250 pages. \$2.00.

**Lawn, The** (Dickinson). The culture of turf in park, golfing and home areas. 128 pages. \$1.25.

**Our Trees, How to Know Them** (Weed and Emerson). 295 pages. \$2.75.

**Planning and Planting the Home Garden** (Murray). \$3.50.

### Farm and Garden

**Alfalfa** (Coburn). A complete work. 164 pages. \$1.10.

**Around the Year in the Garden** (Rockwell). Gives a complete outline of the year's work in the garden. 350 pages. \$2.50.

**Asparagus** (Hexamer). Very comprehensive. 174 pages. \$1.10.

**Cauliflower and Broccoli Culture** (Bouquet). 128 pages. \$1.25.

**Clovers and How to Grow Them** (Shaw). 337 pages. \$2.00.

**Farm and Garden Rule Book** (Bailey). Useful information for farmers, fruit-growers, truck gardeners, florists, etc. Full of useful information. 587 pages. \$3.00.

**Farmers Cyclopedia of Agriculture** (Wilcox and Smith). A compendium of science and practice on farm, orchard and garden crops, including farm animals. 640 pages. \$4.50.

**Fertilizers, Handbook of** (Gustafson). 128 pages. \$1.50.

**Garden Book, The** (Davis). 244 pages. \$1.25.

**Garden Guide. (New.)** The amateur's garden hand-book. 576 pages; 300 illustrations. \$2.00.

**Manual of Gardening** (Bailey). A practical guide to the making of home-grounds and the growing of flowers, fruits, and vegetables. 539 pages. \$3.00.

**Mushrooms, How to Grow Them** (Falconer). 170 pages. \$1.75.

**Muskmelon Production** (Lloyd). 128 pages. \$1.25.

**Potato Production, Principles of** (Nixon). 128 pages. \$1.25.

**Right Use of Lime in Soil Improvement** (Agee). \$1.25.

**Roadside Marketing** (Watts). 128 pages. \$1.25.

**Soil Fertility, Maintenance of** (Thorns). 349 pages. \$3.00.

**Spraying Crops** (Weed). 140 pages. \$1.10.

**Starting Early Vegetables and Flowering Plants Under Glass** (Nissley). Revised edition. 350 pages. \$3.25.

**Sweet Potato Production and Handling** (Thompson). \$1.25.

**1001 Garden Questions Answered** (Hottes). Covers flowers, fruits and vegetables. 328 pages. \$2.00.

**Tomato Culture** (Tracy). 150 pages. \$1.10.

**Vegetable Forcing** (Watts). 400 pages. \$3.00.

**Vegetable Gardening** (Watts). 511 pages. \$2.50.

**Weeds of the Farm and Garden** (Pammel). 300 pages. \$2.00.

### Fruits and Fruit Culture

**American Fruits** (Fraser). Their propagation, cultivation, harvesting, etc. 916 pages. \$4.75.

**Bush Fruit Production** (Van Meter). 128 pages. \$1.25.

**Grape Culturist** (Fuller). 282 pages. \$2.00.

### Poultry, Bees, Birds, Etc.

**A, B, C and X, Y, Z, of Beekeeping.** \$2.50.  
**Beekeeping, First Lessons on** (Dadant). 167 pages. \$1.00.

**Birds of the Wild** (Pellet). A book of absorbing interest to the bird-lover. 128 pages. \$1.00.

**Canary Birds** (Burkett). 64 pages. 80c.

**Dogs, Our** (Harbison). 350 pages. \$2.50.

**Ducks and Geese** (Lamon and Slocum). 262 pages. \$2.00.

**Poultry Breeding and Management** (Dryden). 416 pages. \$2.00.

**Rabbits for Food and Fur** (Ashbrook). 212 pages. \$2.00.

**Squabs for Profit** (Rice and Cox). 150 pages. \$1.10.

**Turkey Production** (Cline). 454 pages. \$3.50.

# INDEX TO CONTENTS OF MICHELL'S 1937 BULB CATALOG

## SEEDS

	Page
Alfalfa.....	48
Bird Seeds.....	59
Clovers.....	48
Farm Seeds.....	48
Flower Seeds.....	19 to 28
Grass Seeds.....	46,47
Mushroom Spawn.....	45
Onion Sets.....	45
Pop-corn.....	44
Rape, Essex.....	48
Rye, Winter.....	48
Timothy.....	48
Vegetable Seeds.....	44,45
Vetches.....	48
Wheat.....	48

## BULBS, ROOTS, ETC.

Aconite.....	7,15
Amaryllis.....	15
Anemone.....	15
Asparagus.....	44
Begonias.....	15
Brodiaeas.....	7,15
Bulbs for Rock-Gardens.....	7
Caladiums.....	15
Callas.....	15
Calochortus.....	7,16
Chinese Lilies.....	12
Chionodoxa.....	7,16
Colchicum.....	16
Crocus.....	7,16
Eremurus.....	16
Erythronium.....	7,16
Freesia.....	17
Fritillaria.....	7,16
Gladiolus.....	16
Gloxinia.....	16
Golden Chinese Lilies.....	12
Grape Hyacinths.....	7,17
Hyacinths.....	8,9
Iris.....	17,18
Ixias.....	18
Jonquils.....	7,11
Leucocoryne.....	18
Leucorum.....	7,18
Lilies.....	7,13,14
Lily-of-the-Valley.....	18
Narcissus.....	7,10 to 12
Ornithogalum.....	7,18
Oxalis.....	18
Ranunculus.....	18
Rhubarb.....	45
Scillas.....	7,18
Snowdrops.....	7,18
Spiraea.....	18
Tritonia.....	18
Tulips.....	2 to 7

## PLANTS, ETC.

Achillea.....	29
Aconitum.....	29
Agrostemma.....	29
Akebia.....	40
Almond, Flowering (Amygdalus).....	41
Althaea.....	41
Alyssum.....	29
Ampelopsis.....	40
Amygdalus.....	41
Anchusa.....	29
Anemone.....	29
Anthemis.....	29
Apples.....	43
Apricots.....	43
Aquilegia.....	29
Arabis.....	29
Armeria.....	29
Artemisia.....	29
Asclepias.....	29
Asters.....	29,30
Astilbe.....	30
Baby's Breath (Gypsophila).....	32
Barberry.....	42
Bergamot (Monarda).....	34
Bignonia.....	40
Blackberries.....	43
Bleeding-Heart (Diclytra).....	31
Boconia.....	30
Boltonia.....	30
Boston Ivy (Ampelopsis).....	40
Bridal Wreath (Spiraea).....	42
California Privet.....	42
Callicarpa.....	41
Calycanthus.....	41
Campanula.....	30
Candytuft (Iberis).....	32
Carnations.....	30
Celastrus.....	40
Centaurea.....	31
Cerastium.....	31
Cercis.....	41

Chelone.....	31
Cherries.....	43
Chionanthus.....	41
Chrysanthemum.....	31
Clematis.....	31,40
Clethra.....	41
Columbine (Aquilegia).....	29
Coreopsis.....	31
Cornus.....	41
Crab, Flowering (Malus).....	41
Cytisus.....	41
Daisy.....	31
Delphinium.....	31
Deutzia.....	41
Dianthus.....	31
Dielytra.....	31
Digitalis.....	31
Dogwood (Cornus).....	41
Doronicum.....	31
English Ivy.....	40
Eryngium.....	31
Euonymus.....	40,41
Exochorda.....	41
Ferns.....	32
Forsythia.....	41
Foxglove (Digitalis).....	31
Fruit Trees.....	43
Gaillardia.....	32
Geum.....	32
Golden Bells (Forsythia).....	41
Golden Chain (Cytisus).....	41
Goldenrod (Solidago).....	37
Grape-Vines.....	43
Grasses, Ornamental.....	32
Gypsophila.....	32
Hedge Plants.....	42
Helenium.....	32
Helianthus.....	32
Heliopsis.....	32
Hemerocallis.....	32
Heuchera.....	32
Hibiscus.....	32
Hollyhock.....	32
Honeysuckle.....	40
Hop Vine.....	40
Hydrangea.....	41
Iberis.....	32
Iris.....	33
Ivy.....	40
Japan Quince (Pyrus).....	42
Jasminum.....	41
Judas or Redbud (Cercis).....	41
Larkspur, Hardy (Delphinium).....	31
Lathyrus.....	40
Liatris.....	42
Lilacs (Syringa).....	34
Lily-of-the-Valley.....	34
Linum.....	34
Lobelia.....	34
Lonicera.....	41
Lupinus.....	34
Lychnis.....	34
Lycium.....	40
Lysimachia.....	34
Lythrum.....	34
Malus.....	41
Mazus.....	34
Mertensia.....	34
Mock Orange (Philadelphus).....	41
Monarda.....	34
Monkshood (Aconitum).....	29
Nepeta.....	34
Oenothera.....	34
Ornamental Grasses.....	32
Pachysandra.....	34
Papaver (Poppy).....	34
Peaches.....	43
Pearl Bush (Exochorda).....	41
Pears.....	43
Pentstemon.....	34
Peonies.....	35
Pepper Bush (Clethra).....	41
Periwinkle (Vinca).....	37
Philadelphus.....	41
Phlox.....	36
Physalis.....	34
Physostegia.....	34
Pinks (Dianthus).....	31
Platycodon.....	34
Plumbago.....	36
Plums.....	43
Polygonum.....	40
Poppy.....	34
Primula.....	36
Privet.....	42
Prunus.....	42
Pyrethrum.....	36
Pyrus.....	42
Quinces.....	43
Ranunculus.....	36
Raspberries.....	43
Rhus.....	42
Rose of Sharon (Althea).....	41
Roses.....	38,39
Rudbeckia.....	36

Salvia.....	36
Saponaria.....	36
Scabiosa.....	36
Sedum.....	37
Shasta Daisy (Chrys.).....	31
Shrubs.....	41,42
Snowball (Viburnum).....	42
Snowberry (Symphoricarpos).....	42
Solidago.....	37
Spiraea.....	37,42
Statice.....	37
Stokesia.....	37
Stonecrop (Sedum).....	37
Strawberries.....	43
Sumac (Rhus).....	42
Sunflower (Helianthus).....	32
Sweet Shrub (Calycanthus).....	41
Sweet William.....	37
Symphoricarpos.....	42
Syringa.....	42
Tamarix.....	42
Thalictrum.....	37
Thymus.....	37
Trillium.....	37
Trollius.....	37
Trumpet Vine (Bignonia).....	40
Valeriana.....	37
Veronica.....	37
Viburnum.....	42
Vinca.....	37
Viola.....	37
Vitex.....	42
Weigela.....	42
White Fringe (Chionanthus).....	41
Wisteria.....	40

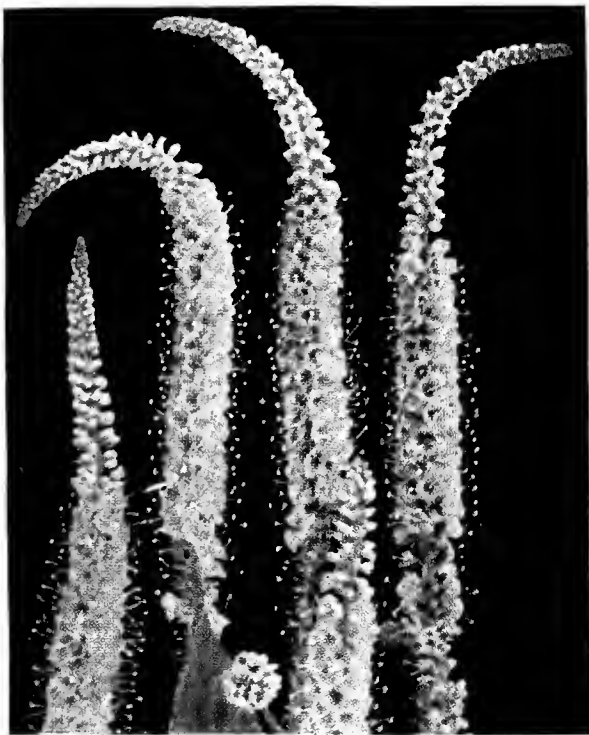
## IMPLEMENTS, SUNDRIES, ETC.

Adeo.....	61
Agri-Pax.....	60
All-Crop Fertilizer.....	61
Antrol.....	60
Aphine.....	60
Aphis Punk.....	60
Aprons.....	56
Arsenate of Lead.....	60
Ashes.....	61
Axes.....	50
Barrels.....	49
Barrel Truck.....	49
Baskets.....	49,52
Bellows.....	56
Bird-Houses.....	59
"Black-Leaf 40".....	60
Blood, Bone and Potash.....	61
Blood (Dried).....	61
Blood Flour.....	61
Bone (Coarse Ground).....	61
Bone Flour.....	61
Bone Meal.....	61
Books.....	63
Bordeaux Mixture.....	60
Bovung.....	61
Boxes.....	58
Brooms.....	49
Brushes.....	49,51
Bug Death.....	60
Bulb Fibre.....	9,12,59
Bulb Pans.....	12,62
Bull Dog Clips.....	59
Burlap.....	53
Carbolineum.....	60
Carnation Bands.....	59
Carnation Clips.....	59
Carnation Staples.....	59
Carnation Supports.....	57
Celery Bleachers.....	49
Celery Paper.....	59
Celery Tape.....	59
Cel-O-Glass.....	53
Ceresan.....	48,60
Charcoal.....	12,59
Cider Mills.....	52
Clay's Fertilizer.....	61
Copper Solution.....	60
Corn Knife.....	50
Corn-Poppers.....	44
Corn Sheller.....	52
Cotton-Seed Meal.....	61
Cow Manure.....	61
Cuprocide.....	60
Cut-Flower Boxes.....	58
Cut-Flower Vases.....	62
Cyanegg.....	60
Cyanogas.....	60
Derrisol.....	60
Dibbles.....	51
Dog-Scat.....	60
Dogzoff.....	60
Evergreen Insecticide.....	60
Extension Pipes.....	56
Fencing.....	53
Fern-Dish Liners.....	62
Fern Pans.....	62

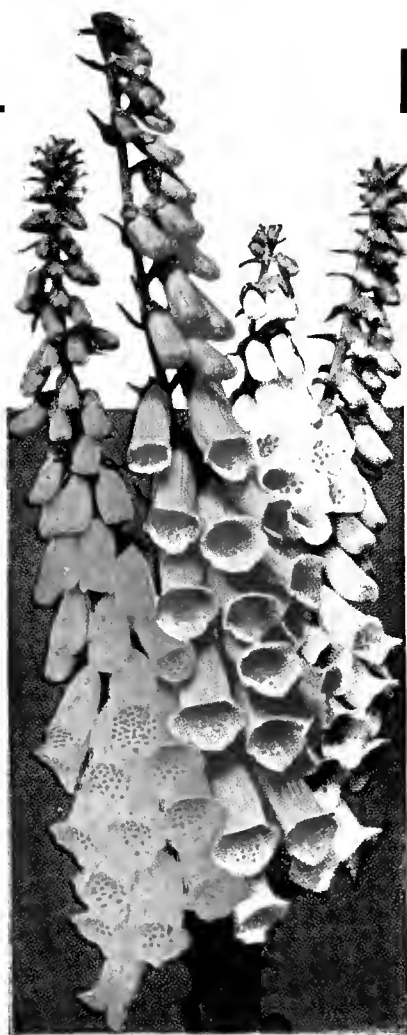
Fertilizers.....	48,61
Fish-Oil Soap.....	60
Flex-O-Glass.....	53
Floranid.....	61
Flower Pots.....	12,62
Flower Scissors.....	58
Flower Shears.....	58
Formicide.....	60
Form-O-Fume.....	60
Fruit Presses.....	52
Fungtrogen.....	60
Garden Labels.....	57
Glass Clamps.....	54
Glass Cleaner.....	54
Glass Cutters.....	54
Glazing Cement.....	54
Glazing Chisel.....	54
Glazing Points.....	54
Glazing Putty.....	54
Glazit Gun.....	54
Grafting Tool.....	52
Grafting Wax.....	52
Grape and Rose Dust.....	60
Grape Grinders.....	52
Grape Scissors.....	58
Greenhouse Paint.....	54
Grindstone.....	49
Hammer.....	50
Harrow.....	49
Hatchet.....	50
Hedge Shears.....	51,52
Horn Shavings.....	61
Hortobacco.....	61
Hose.....	54
Hose Bands.....	54
Hose Clamp.....	54
Hose Connections.....	54
Hose Couplings.....	54
Hose Menders.....	54
Hose Nozzles.....	54
Hose Reducers.....	54
Hose Washers.....	54
Hotbed Mats.....	53
Hotbed Sash.....	53
Hyacinth Glasses.....	9
Hyper-Humus.....	61
Insecticides.....	60
Kainit.....	61
Kerosene Emulsion.....	60
Labels.....	57,58
Land Plaster.....	61
Lawn Cleaners.....	49
Lawn Dressing and Fertilizer.....	61
Lawn Sand.....	61
Leaf Mould.....	12,59
Leaf Racks.....	49
Lemon Oil.....	60
Lethane.....	60
Legume-Aid.....	48,61
Limc.....	61
Limestone.....	61
Lime-Sulphur.....	60
Lopping Shears.....	52
Loro.....	60
Manure.....	61
Marking Pencils.....	58
Mastica.....	54
Mastica Machine.....	54
Masticote.....	54
Mats.....	53
Mattocks.....	50
Melon Nets.....	45
Mole Traps.....	49
Mo Lo.....	60
Mologen.....	60
Moss.....	59
Mouse Seed.....	59
Mum Manure.....	61
Muriate of Potash.....	61
Naphtha Flakes.....	60
Naptoside.....	60
Nico Fume.....	60
Nico-Fume Fumigating Powder.....	60
Nico-Fume Paper.....	60
Nikoteen.....	60
Nitrate of Soda.....	61
Nitrophoska.....	61
Nozzles.....	54,56
Paint.....	62
Paper.....	58
Para-Dichlorobenzene.....	60
Pearl Chips.....	12,59
Peat.....	59
Peat Moss.....	12,59,61
Pebbles.....	12,59
Philogan.....	61
Phosphate.....	48,61
Picks.....	50
Plant Labels.....	57
Plant Setter.....	9,51
Plant Stakes.....	57
Plant Stands.....	56
Plant Tubs.....	62
Plantabbs.....	61

Pliers.....	50
Poles.....	52,57
Post-Hole Diggers.....	49
Pot Brackets.....	57
Pot Hangers.....	62
Pot Labels.....	57
Pots.....	12,62
Pruning Compound.....	59
Pruning Gloves.....	51
Pruning Saws.....	52
Pruning Shears.....	51
Putty.....	54
Putty Distributor.....	54
Pyrethrum Powder.....	60
Pyrote.....	60
Raffia.....	58
Raffia Tape.....	58
Rakes.....	50
Rat Paste.....	59
Red Arrow Insect Spray.....	60
Road Brushes.....	49
Roofing Paper.....	58
Rotenone.....	60
Rubber Hose.....	54
Rubber Sprinklers.....	53
Rubbish Basket.....	49
Rubbish Consumers.....	49
Salt.....	61
Sand.....	12,59
Sash.....	53
Saucers.....	62
Saws.....	52
Scalecide.....	60
Scale Oil.....	60
Screw-Drivers.....	50
Seed Flats.....	62
Selocide.....	60
Semesan.....	60
Shaderine.....	59
Shears.....	51,52,58
Sheep Manure.....	61
Shovels.....	50
Sieves.....	49
Slug Shot.....	60
Snapdragon Supports.....	57
Snarol.....	60
Soap (C. P. O.).....	60
Soap Spray.....	60
Soil.....	12,59
Soot.....	61
Sparrow Trap.....	59
Spike Tamp.....	50
Sprayers.....	55,56
Squirrel House.....	59
Stakes.....	57
Strike Fasteners.....	57
Staples.....	53
Stem-U-Plant.....	61

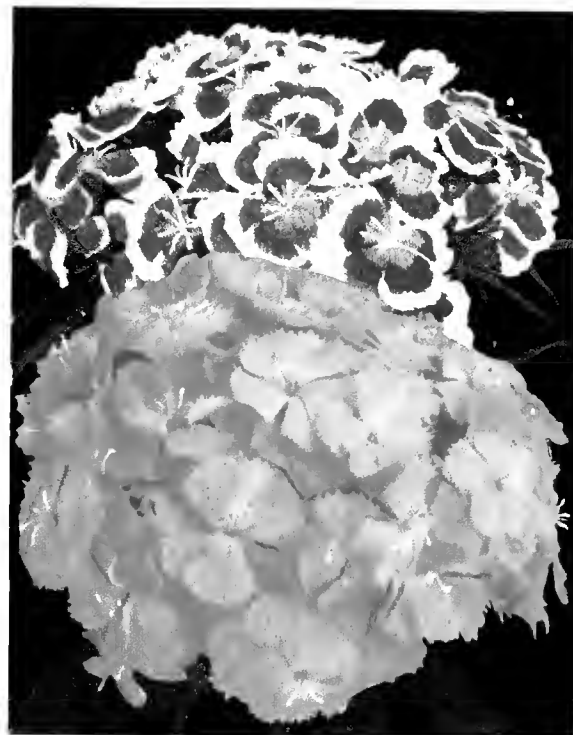
# 6 BEAUTIFUL PERENNIALS



VERONICA *longifolia subsessilis*



DIGITALIS, *Giant Shirley*



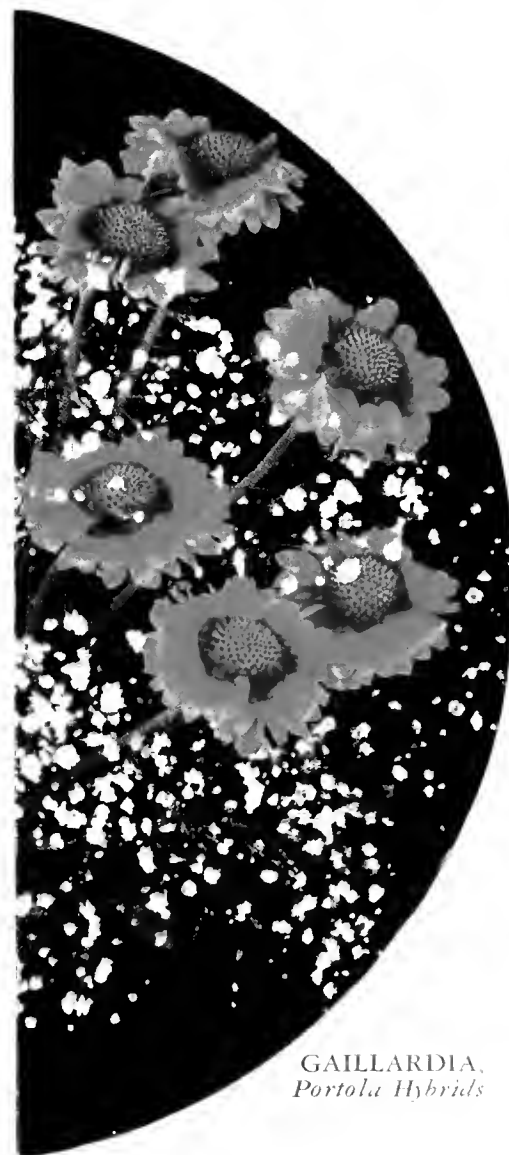
SWEET WILLIAM, *Michell's Prize Mixture*



AQUILEGIA, *Michell's Long-spurred Hybrids*



ASTER, *Blue Gem*



GAILLARDIA, *Portola Hybrids*

Here pictured are a half-dozen dependable perennials to bring you bloom from spring until frost—flowers for cutting as well as brightening the garden picture.

	Each
Aquilegia, Michell's Long-spurred Hybrids	\$0 25
Aster, Blue Gem	25
Digitalis, Giant Shirley	30
Gaillardia, Portola Hybrids	25
Sweet William, Michell's Prize Mixture	25
Veronica longifolia subsessilis	30

One plant each of these 6 Hardy Plants, by Parcel Post prepaid **\$1.25**

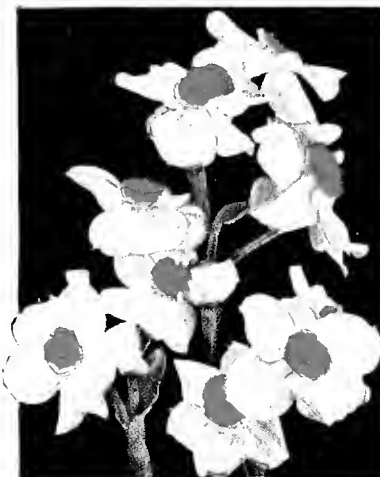




EMPEROR



HORACE



LAURENS KOSTER



CROESUS



TWINK



SPRING GLORY



DIANA KASNER



MRS. E. H. KRELAGE

# DAFFODILS

	Each	Doz.	100		Each	Doz.	100
Emperor.....	\$0 15	\$1 25	\$8 50	Laurens Koster .....	\$0 15	\$1 25	\$8 00
Twink.....	30	3 00	22 50	Diana Kasner.....	25	2 25	15 00
Horace.....	10	1 00	7 00	Crœsus.....	20	1 75	12 00
Spring Glory.....	20	1 50	10 00	Mrs. E. H. Krelage...	25	2 50	17 50

In the event that our supply of any of the above Narcissi is exhausted when order is received, we reserve the right to substitute similar varieties of equal value

## MICHELL'S Green Velvet Lawn Seed

Where a closely knit turf of lustrous green, velvety appearance is desired, we suggest this combination. It is a perfectly hardy mixture, ideally suited for fine permanent lawns.

See page 46 for prices. Also other mixtures and separate varieties.



HENRY F. MICHELL CO., 516-518 Market St., PHILA., PA